

WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1939



REPORT ON

CANAL DELIVERIES FROM

BOISE RIVER

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON

OF 1939

(DATA FOR THIS REPORT GATHERED BY THE WRITER WHILE ACTING IN THE CAPACITY OF WATERMASTER OF THE BOISE RIVER AND SPECIAL DEPUTY IN CHARGE OF THE DISTRIBUTION OF STORAGE WATER FROM ARROWROCK RESERVOIR)

(COOPERATIVE DATA ALSO FURNISHED BY THE
UNITED STATES BUREAU OF RECLAMATION AND
THE UNITED STATES GEOLOGICAL SURVEY)

WM. E. WELSH

Watermaster, Boise River

CHARTS

1939

1. Map of Boise River, showing canal diversions.
2. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G, 2-H, 2-I, 2-J, and 2-K, daily discharge of Boise River during 44-year period.
3. Table showing mean daily flow of Boise River for a 44 year period.
4. Table showing monthly and annual flow of Boise River in acre feet for the irrigation years beginning 1894-1895.
5. 5-A, 5-B, 5-C, 5-D, and 5-E, daily discharge of all canals (Sections 1 and 2) for irrigation season of 1939.
6. Summary table in acre feet showing monthly and total canal diversions for the irrigation season of 1939.
7. Summary table showing total annual diversions for all Boise Valley Canals beginning 1916.
8. 8-A and 8-B, daily discharge of all principal tributary streams feeding water to Boise River below More's Creek for irrigation season of 1939.
9. Two tables showing Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain by months in acre feet and average daily flow in 24 hour second feet for the irrigation season of 1939.
10. Two tables for section 1 of Boise River showing river at Diversion Dam, canal deliveries, tributary gain, seepage gain, and net gain between Diversion Dam and Star by months in acre feet and average daily flow in 24 hour second feet for irrigation season of 1939.
11. Two tables for section 2 of Boise River showing river at Star, canal deliveries, tributary gain, seepage gain, and net gain between Star and Notus by months in acre feet and average daily flow in 24 hour second feet for irrigation season of 1939.
12. Table showing acreage under all canals in the Boise Valley.

CHARTS

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2. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G, 2-H, 2-I, 2-J, and 2-K, daily discharge of Boise River during 44-year period.
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4. Table showing monthly and annual flow of Boise River in acre feet for the irrigation years beginning 1894-1895.
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12. Table showing acreage under all canals in the Boise Valley.

CHARTS
(Continued)

13. Table for Boise Valley canals showing acre feet diverted, acres irrigated and acre feet per acre diverted for the season of 1939.
14. Table showing acre feet per acre diverted by 18 canals from Boise River for each irrigation season beginning in 1916.
15. Summary table showing diversions from Boise River in acre feet, acre feet per acre, and the rate in miner's inches per acre for 18 Boise Valley canals for each month of the irrigation season during the years 1916 to 1939 inclusive; also, the per cent diverted during each month.
16. Chart showing average headgate duty of water for 18 Boise Valley canals.
17. Table showing total canal diversions and total discharge of drainage canals in Drainage District No. 2 for the irrigation season of 1939.
18. Summary table of return flow to Boise River between More's policy Creek and Notus beginning 1914.
19. Two tables showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4, for the irrigation season of 1939.
20. 20, 20A, 20B, revised area and capacity table for Arrowrock Reservoir.
21. Table showing additional decrees on Boise River (Intervenors in the Stewart Decree), giving priority number, date and amount decreed.
22. Table showing change in point of diversion of decreed rights on Boise River.
23. Table showing transfers of decreed rights on Boise River.
24. Condensed table of Stewart Decree showing dates of priority and amounts decreed.
25. Stewart Decree grouped under canal headings.
26. 26, 26A, 26B, 26C, Tables showing decreed rights (Stewart Decree) and natural flow at Diversion Dam necessary to fill same. 26D, table showing decreed rights (Bryan Decree) and natural flow in second feet necessary at Diversion to fill same.

ORGANIZATION

The Boise River organization includes an Advisory Committee of nine members, a Watermaster, and one assistant Watermaster during the irrigation season on the lower end of the Boise River, and one part-time secretary and stenographer.

The Advisory Committee, although not authorized by law, is elected by the water-users at the annual meeting on the first Monday in March. This Advisory Committee represent various sections of the Boise Valley. In addition to preparing and recommending a budget for the annual meeting, it meets from time to time to consider various questions affecting the water-users and the water rights of the Boise Valley. It also considers and assists in determining questions of policy having to do with the operation of Water District 12-A. This committee for 1939 was as follows:

J. M. Lampert, Chairman
Ed Straus, Secretary
J. C. Bell
Fred Chaney
John Demond
W. T. Evans
T. M. DeCoursey
Ernest Anderson
I. A. Weaver

Cooperative assistance is rendered by the Board of Control in current meter work, compiling records, maintaining phone to Arrow-rock, etc., for which proper remuneration is given.

Cooperative assistance is rendered by the U. S. Geological Survey in current meter work and compiling records of Boise River at Dowling and Notus, South Fork near Smiths Prairie, Middle Fork at Twin Springs and More's Creek at Call Bridge.

Mention should also be made of the splendid assistance and cooperation rendered by the Commissioner of Reclamation in furnishing office room and equipment and the many courtesies extended during the year by the personnel of his office.

DECREE

The old water rights of the Boise Valley are included in the decree in the case of FARMERS COOPERATIVE DITCH COMPANY, a Corporation, vs. RIVERSIDE IRRIGATION DISTRICT LTD., a Corporation, et al., which is commonly referred to as the "Stewart Decree". This case has been appealed to the Supreme Court and affirmed as to priority and acreage, but remanded to the District Court for additional evidence on the question of duty of water, where it has been pending for a number of years. A temporary order providing for the distribution of the waters of Boise River, was issued by that Court from year to year. In 1919 this order was made continuing. This same order was used for 1939. It provided for the distribution of the waters of Boise River in the following manner, to-wit: "The various rights, as adjudicated in the so-called "Stewart Decree" shall receive 100 per cent, until the natural flow of the waters of Boise River shall decrease or until all the rights in said decree cannot receive 100 per cent, at which time the various rights as adjudicated in the so-called "Stewart Decree" shall first be cut to 75 per cent of the amount of water decreed by the Stewart Decree as the natural flow of the Boise River decreases, beginning with the latest rights and proceeding to the earliest rights in the order fixed in said "Stewart Decree", and after all rights shall have been reduced to 75 per cent of the amount fixed in the Stewart Decree, should the natural

flow of the waters in the Boise River decrease below the amount necessary to supply said 75 per cent of the water rights as decreed in said Stewart Decree, then the various rights beginning with the latest and proceeding to the earliest, as aforesaid, shall be reduced to 60 per cent of the amount specified in said Stewart Decree and 60 per cent of the amount specified in said Stewart Decree is hereby fixed and determined as the highest duty of water for the year 1919."

BOISE RIVER RUNOFF

Judge Ed. L. Bryan signed a decree on February 14, 1929, in the case of PIONEER IRRIGATION DISTRICT vs. AMERICAN DITCH ASSOCIATION, et al., commonly referred to as the "FLOOD WATER SUIT", or "BRYAN DECREE". All rights decreed in this case are made subsequent to the Stewart Decree.

This case was appealed to the Supreme Court where it was upheld as to some of the rights involved but remanded to the District Court for retrial on the duty of water, also for the purpose of determining certain other rights.

On January 30, 1932, Judge O. E. SUTTON signed an order temporarily establishing the various rights in the Flood Water Suit and providing for a duty of water similar to the "sliding scale" in the "Stewart Decree".

This order remained in effect during the season of 1939.

Chart 26, 26A, 26B, 26C, relate to the Stewart Decree and show the following information: no. of priority, name to whom decree was issued, section of River in which point of diversion is located, amount of decree in second feet showing 100 per cent, 75 per cent, 60 per cent. It also shows the amount of natural

flow necessary at Diversion Dam to fill the various rights in the Stewart Decree, including intervenors, to 60 per cent, 75 per cent, 100 per cent. In computing the amounts necessary to fill the various rights in this table it is assumed that the return flow will fill the first 32 rights to 60 per cent of the amount decreed. It is also assumed that the return flow to section 2 and 3 of the River would fill the rights with points of diversions in those sections of the River, to 75 per cent of the amount decreed.

BOISE RIVER RUNOFF

The total runoff of the Boise River for the irrigation year of 1938-39 was 1,379,000 acre feet. Approximately 135,000 acre feet was wasted because of inadequate storage capacity. If this amount which was wasted could have been stored and saved for use during the late summer months it would have eliminated, or reduced to a minimum, the extreme shortage which was experienced throughout a large part of the Valley.

The same method that was employed for the past several seasons of arriving at the daily natural flow of the Boise River was used during the season of 1939.

A study of the Charts 2, 2-K, inclusive, will give a comparison of the daily discharge of the Boise River for the full 12-month period, for each year from 1895 to 1939, inclusive.

Chart 3 is a table showing the mean daily flow of the Boise River for a 41-year period.

Chart 4 is a table compiled from previous charts, showing the total monthly and annual flow of the Boise River in acre feet for the irrigation years beginning 1894-1895.

CANAL REGULATION

Canal regulation started when the flood runoff was passed, which was May 21 and continued throughout the remainder of the irrigation season. One regular assistant on the lower end of the river was employed at this period as usual. In addition, one assistant was employed for 2 or 3 days at a time to regulate the small canals on, and adjacent to, Eagle Island during the time the Phyllis canal made special runs.

Charts 5 to 5-E, inclusive, show the canal diversions for the period from April 1, to September 30.

Chart 6 shows the monthly and total diversions for the Boise River for the irrigation season of 1939.

Chart 7 is a table showing the return flow, canal diversions, winter diversions and winter waste for the entire Boise Valley for each season beginning 1916.

TRIBUTARY GAIN

Data were gathered and compiled on all principal tributary streams feeding water to Boise River below More's Creek.

Charts 8, 8-A, and 8-B, show the daily discharge of the tributary streams.

NET GAIN

Chart 9 shows the total flow of the Boise River passing More's Creek, canal deliveries, and gain to the river by months in acre feet, and also average daily flow for each month during the season of 1939.

RIVER FLUCTUATION

It is felt that river fluctuations have been reduced to a minimum with the present available equipment. A gage in the river

below Barber point with a recorder placed in the power plant at Barber where the power plant operator could regulate and control the flow passing the Barber Dam, would probably be of considerable value.

Fluctuations caused by so many factors beyond the control of the Water master always have been and always will be a menacing problem from the standpoint of maintaining a steady flow of water at the lower end of the Boise River.

CLASSIFICATION OF RIVER

The Boise River naturally divides itself into three separate and distinct parts. Section I includes that part of the river that lies between the Government Diversion Dam and the Caldwell High Line Canal about a mile below the town of Star. Section II includes that section that lies between the Caldwell High Line Canal and the Notus Bridge. Section III includes that part of the river between the Notus Bridge and Snake River.

SECTION I

Chart 10 shows the condition that existed in this section during the period July 1 to September 30, inclusive. The average gain to this section during the period was 239 second feet.

SECTION II

Chart 11 is a table showing the condition that existed in this section during the period July 1, to September 30, inclusive.

There are 8 canals diverting water from this section, with an aggregate decreed right of 540 second feet. Usually it is necessary to run "live water", or natural flow past the headgate of the Caldwell High Line Canal and into this section of the river during the spring months and until the rights in the Stewart Decree are

cut to 75 per cent. After that time the river is dried completely at the headgate of the Caldwell High Line Canal and these 8 canals diverting from Section II of the river are supplied entirely from return flow.

The average return flow to this section during the period was 350 second feet.

SECTION III

The return flow to Section III was sufficient to take care of all rights in this section during the entire season and, therefore, no regulations were required in this section.

DUTY OF WATER

The following statement, a repetition from previous reports, is again included in this report.

"The determination of the duty of water in both the "Stewart Decree" and the "Bryan Decree" is still pending in the District Court at Caldwell, Idaho.

"In the opinion of the writer it is doubtful if a fixed and established duty of water will ever prove satisfactory for the Boise Valley. A duty of water that would take care of crop requirements for one season would be inadequate for another. Seasonal conditions are continually changing. Likewise, conditions over the valley are changing. Our knowledge and methods of irrigation are constantly improving with each year of experience.

"An arbitrary duty should not be established without taking into consideration the inherent rights of all those persons who are dependent upon this great natural resource for their subsistence.

"An arbitrary duty, if established, should be subject to

DRAINAGE

Chart 12 shows the total canal diversions and the total drainage discharge for Drainage District No. 2 for the season of 1939. prepared to say."

District No. 3, frequently referred to as the South Boise Drainage District, situated in South Boise. This district, under which the Boise River has been operated for more than twenty years, has proved very satisfactory when the entire valley is taken into consideration. The temporary court order is given in full on page 2 of this report.

Chart 6 shows the amount in acre feet diverted each month, and the total amount diverted each season for the canals of the Boise Valley.

Chart 13 is a table showing the discharge of all drains in Drainage Districts Nos. 3 and 4.

Chart 14 is a table showing the average return flow to the river by the various canals of the Boise Valley. The amount shown under column, "Acre Feet per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

Chart 14 is a summary table for the years 1916 to 1939, inclusive, for the diversions of 18 Boise Valley Canals, showing the acre feet per acre diverted.

Chart 15 is a table for 18 Boise Valley canals for the period from 1916 to 1939 inclusive, showing the total acre feet diverted, acre feet per acre, rate in miner's inches per acre, and per cent per month.

Chart 16 shows the average headgate duty of water for 18 Boise Valley canals.

DRAINAGE

Chart 17 shows the total canal diversions and the total drainage discharge for Drainage District No. 2 for the season of 1939.

Drainage District No. 3, frequently referred to as the South Boise Drainage District, situated in South Boise, This district has four drains or outlets emptying into Boise River, and comprises an area of approximately 4200 acres.

Drainage District No. 4, frequently referred to as the Thurman Drain, comprising an area of approximately 2500 acres, is situated south of the Boise River, and opposite the town of Eagle. This district has only one outlet to the river.

Chart 19 is a table showing the discharge of all drains in Drainage Districts Nos. 3 and 4.

Chart 18 is a table showing the average return flow to the Boise River for the period from 1914 to 1939, inclusive.

A comparison of charts 17 and 19 discloses the following with reference to drainage discharges:-

Year	Drainage Districts		
	No. 2	No. 3	No. 4
1922	2.90		
1923	2.99		
1924	2.59		
1925	2.42	1.43	2.66
1926	1.97	1.03	2.07
1927	2.62	1.29	2.70
1928	2.78	1.15	2.55
1929	2.27	1.16	2.02
1930	2.61	.96	2.45
1931	1.99	.86	1.82
1932	2.36	1.25	2.03
1933	2.36	1.18	2.26
1934	2.18	.89	2.34
1935	2.27	1.04	2.10
1936	2.55	1.43	2.12
1937	2.37	.83	2.36
1938	2.84	.83	2.25
1939	2.32	1.00	3.60

ARROWROCK CAPACITY

Chart No. 20, 20-A and 20-B show the W. G. Steward capacity table for Arrowrock Reservoir, as revised by W. H. Tuller, Project Manager, Boise Project.

ADDITIONAL DECREES

Chart No. 21 is a table showing the additional decrees obtained by intervenors in the case of the Farmers Cooperative Ditch Company, plaintiff, vs. Riverside Irrigation District, Ltd., et al, defendants which is commonly referred to as the "Stewart Decree".

CHANGE IN POINT OF DIVERSION

Chart No. 22 is a table showing the changes in the points of diversion of the decreed rights on Boise River, as recorded in the office of the Commissioner of Reclamation.

TRANSFERS

Chart No. 23 is a table showing the transfers of decreed rights on Boise River as recorded in the office of the Commissioner of Reclamation.

STEWART DECREE

Chart No. 24 is a condensed table of the Stewart Decree. A small circle at the left of the date of priority shows that the right is supplied by "return flow".

Charts Nos. 26, 26-A, 26-B and 26-C are tables showing Decreed rights as contained in Stewart Decree, and the natural flow at Diversion Dam necessary to fill the same.

STEWART AND BRYAN DECREES GROUPED BY CANAL HEADINGS

This table, Chart No. 25, has been compiled for the benefit of those canal companies who have more than one date of priority. This table shows the date and the amount of each priority and the total amount decreed.

BRYAN DECREE

Chart No. 26-D is a table showing decreed rights contained in Bryan Decree and the natural flow necessary at Diversion Dam to fill the same.

The question of watershed protection continues to be a matter of serious concern to the Water-Users of the Boise Valley.

The Water-Users should continue to cooperate with the Forest Service. The Forest and Range experimental station near Idaho City will probably have some valuable information. A systematic program of experimentation and investigation should be continued.

The rights and interests of the Water-Users of the Boise River should be continuously guarded and protected.

COST REPORT - 1939

Watermaster salary	\$3250.00
Assistant Watermaster salary	508.00
For salaries <u>WATERSHED</u>	1258.75
Miscellaneous	413.76

The question of watershed protection continues to be a matter of serious concern to the Water-Users of the Boise Valley.

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The rights and interests of the Water-Users of the Boise River should be continuously guarded and protected.

Telephone service to upper river	270.00
Expenses in current water work	235.00
Office work, compiling records of natural flow, etc.	<u>225.00</u>
Total value of services rendered by Committee	\$1030.00

TOTAL COST OF WATER DISTRICT 12-A FOR THE FISCAL YEAR 1939. \$7103.65

COST REPORT - 1939

Watermaster salary	\$3250.00	
Assistant Watermaster salary	508.00	
Car mileage	1258.75	
Miscellaneous.	413.76	
Telephone	89.59	
Gage readings.	90.00	
Stenographic services.	390.00	
Insurance (Workman's Compensation) . .	<u>72.95</u>	
Sub-total		\$6073.05

SERVICES RENDERED BY THE U. S.
BUREAU OF RECLAMATION AND THE
BOARD OF CONTROL, BOISE, IDAHO

Gage readers, Dowling	\$ 180.00	
More's Creek.	120.00	
Telephone service to upper river. . . .	270.00	
Assistance in current meter work. . . .	235.00	
Office work, compiling records of natural flow, etc.	<u>225.00</u>	
Total value of services as fixed by Committee.		\$1030.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR THE IRRIGATION SEASON OF 1939. .		\$7103.05

CONCLUSION

1. That an Advisory Committee with authority to represent the water users and to advise with the watermaster is very beneficial and helpful, and should be continued.
2. That the records and data as compiled in the watermaster's reports for more than twenty-five years should be continued.
3. That the river naturally divided itself into three sections during the low-water period.
4. During the low water period of each irrigation year, the river can be completely dried up at the lower end of Section I without injury to the rights in Section II.
5. That the return flow is a vital factor and must be considered in the operation of the river.
6. That all tributary streams should be considered as a part of the available water supply of the Boise River.
7. That the transfer of water rights from Section II to Section I is injurious to the rights already existing in Section I.
8. That the construction of drainage systems in the Boise Valley has changed the irrigation requirements within these districts.
9. That by reason of the construction of these drainage canals, certain waters which were formerly lost through seepage, evaporation and deep percolation, or reached the river during the winter months, are probably now reaching the river during the

irrigation season and made available for irrigation purposes.

10. That the question of watershed protection is of vital importance to the water users of the Boise Valley.

11. That a reasonable program of research work should be continued by U. S. Forest Service on the Boise River watershed for the purpose of determining the best manner of handling and utilizing the resources of the same in a manner that will not be injurious to the inherent rights of the water users who are dependent upon this resource for a livelihood.

12. That the knowledge and data upon which a permanent duty of water must necessarily be based, are constantly being improved and increased.

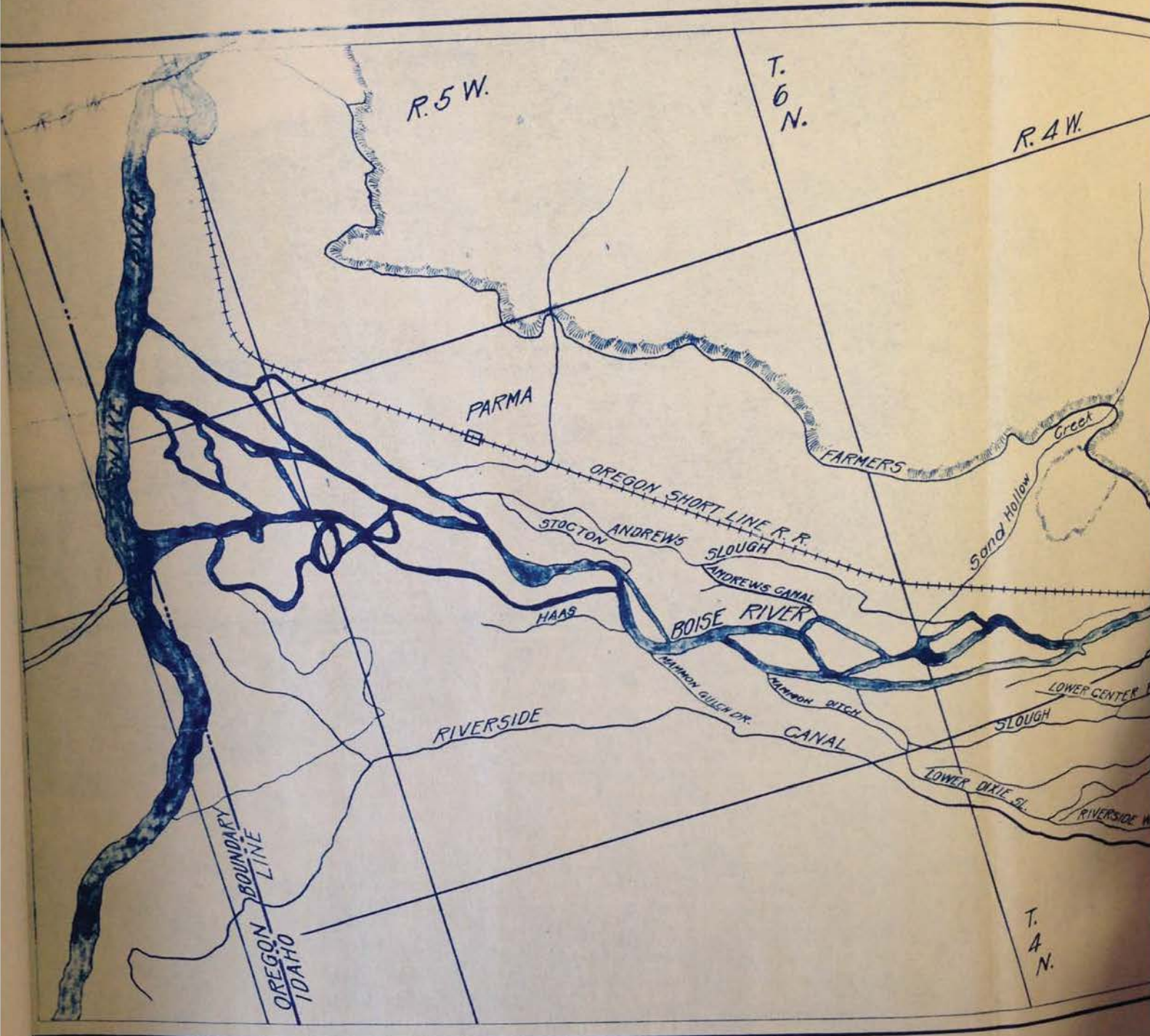
13. That an arbitrary duty of water, if established, should be subject to change from time to time.

14. That the temporary "Court Orders", under which the Boise River has been operated for more than twenty years, have proven very satisfactory to the Boise Valley as a whole.

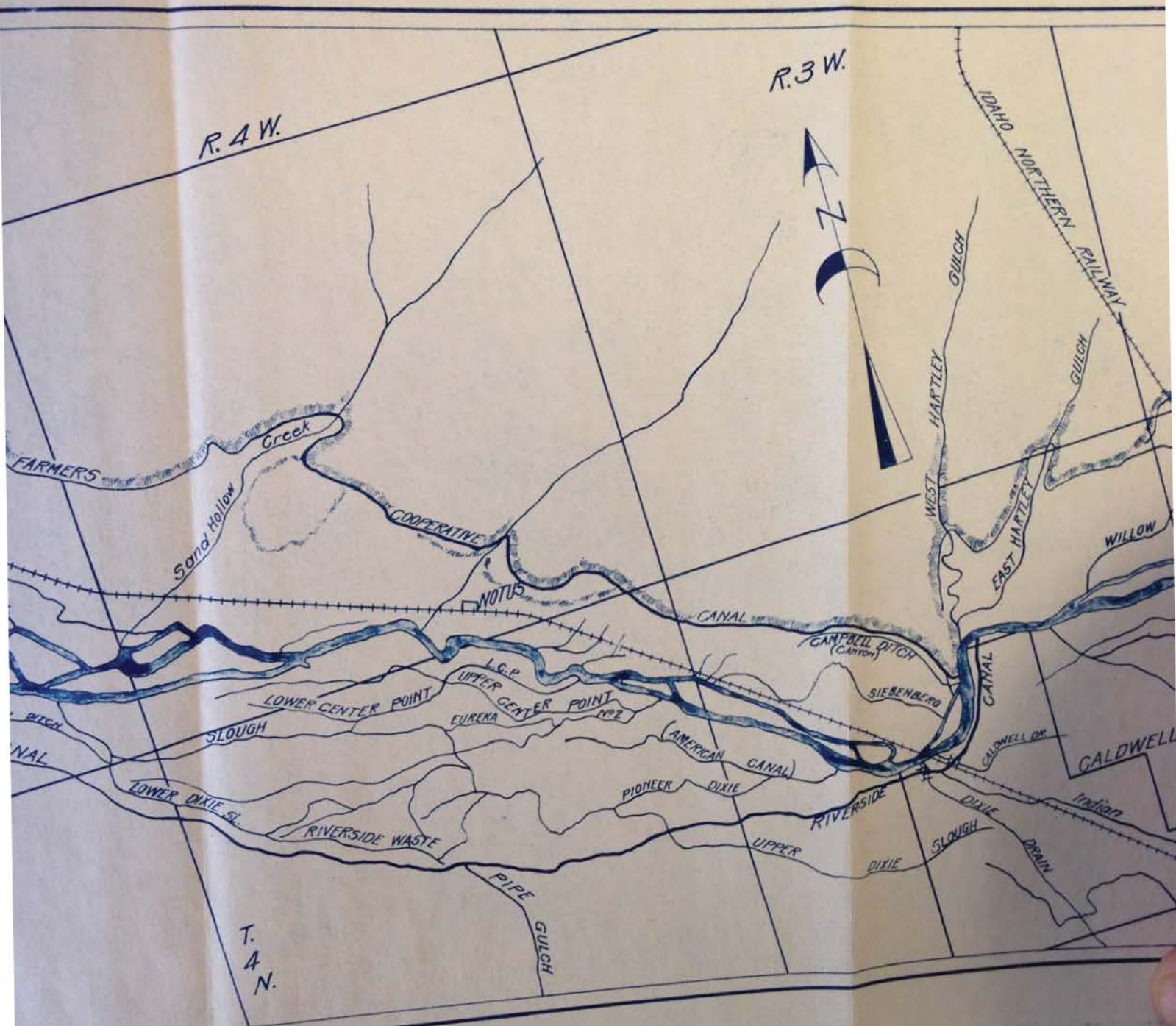
FLOW OF BOISE

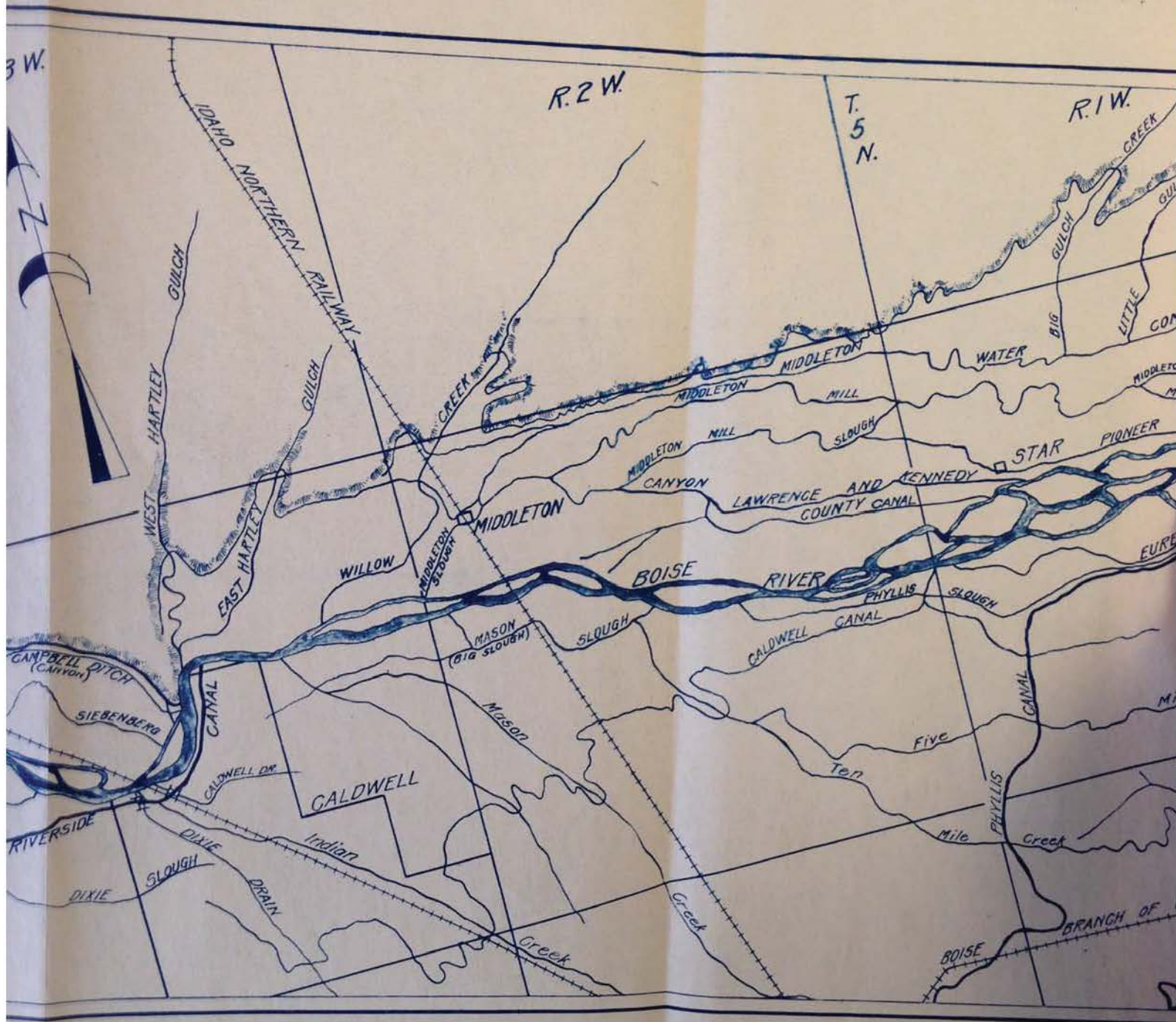
Chart 2

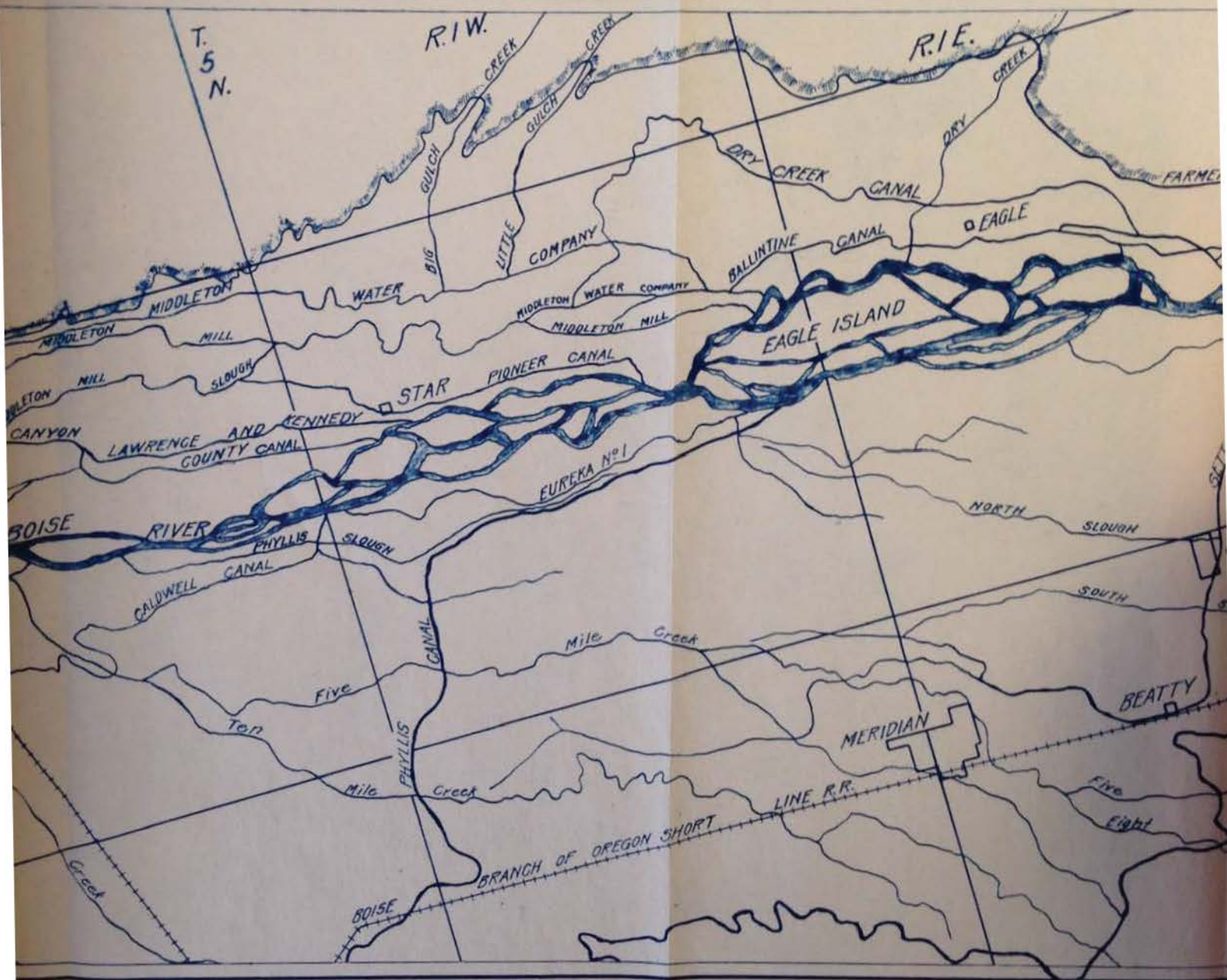
Year	1	18	19	30	31	Total
1895	1470	14,375	1,725			

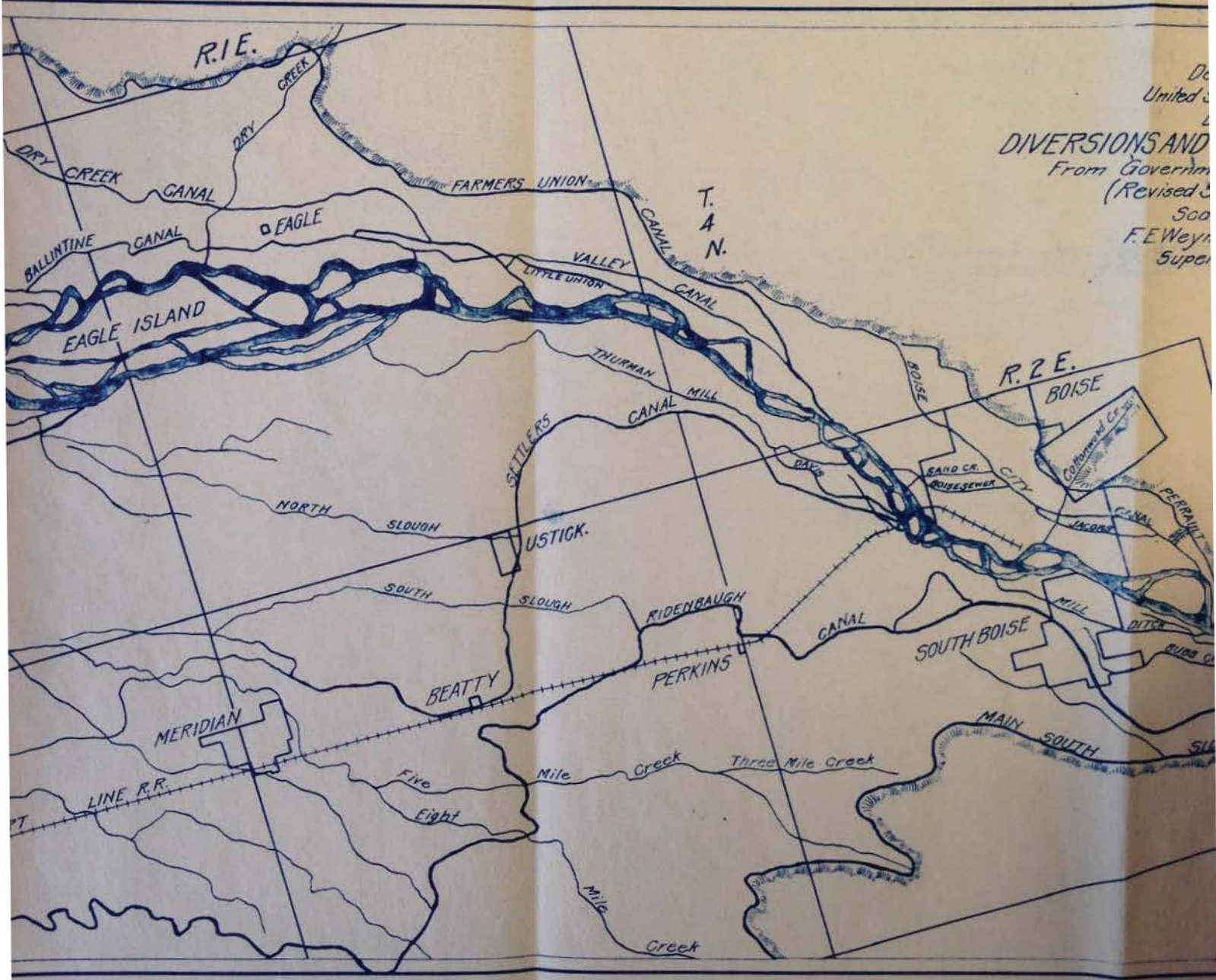


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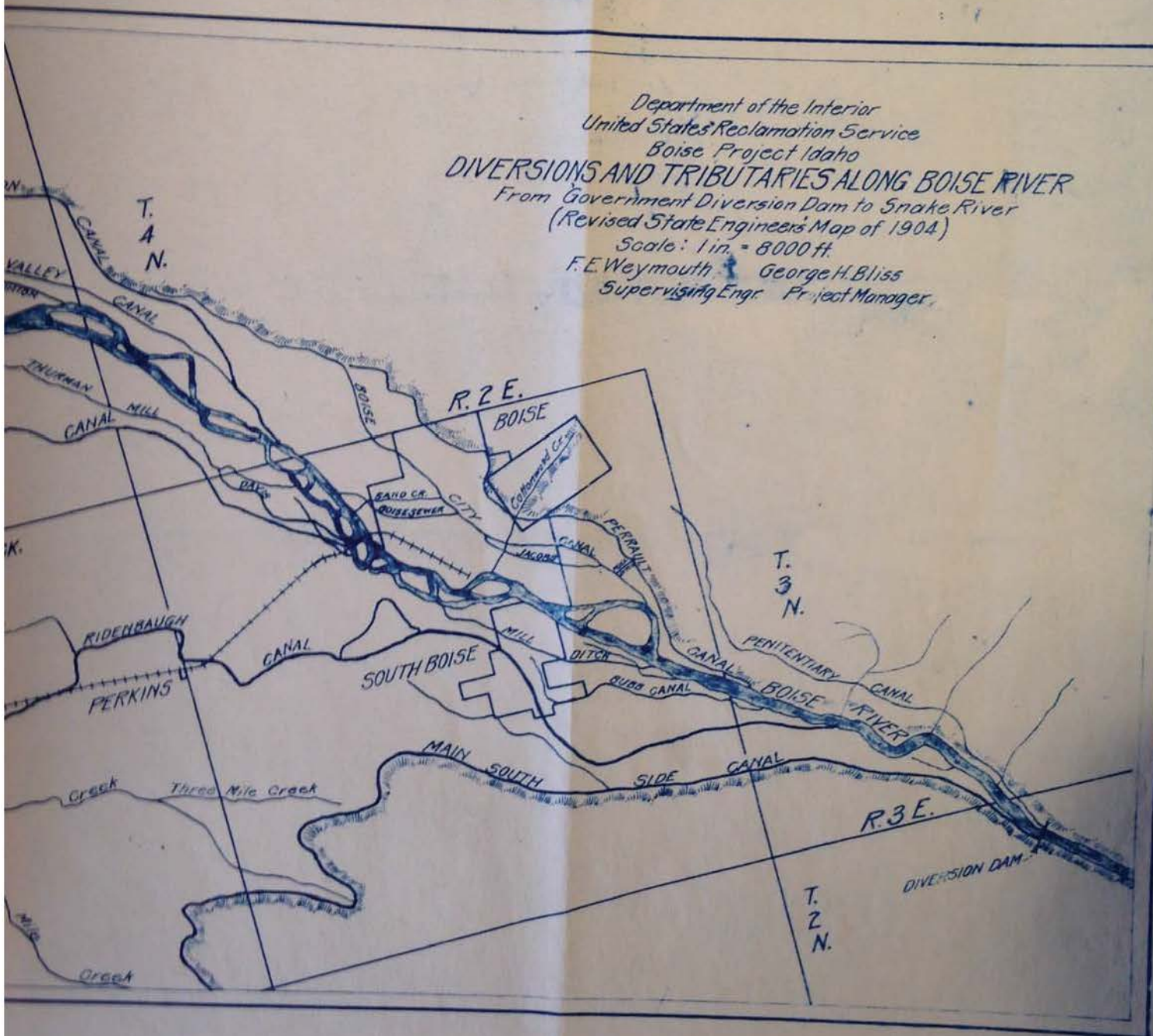




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BOISE
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GUIDE

Department of the Interior
 United States Reclamation Service
 Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER
 From Government Diversion Dam to Snake River
 (Revised State Engineers Map of 1904)
 Scale: 1 in. = 8000 ft.
 F.E. Weymouth & George H. Bliss
 Supervising Engr. Project Manager.



Year	1	2	3	4	5	6	7	8	9	10	11
1895	1470	1410	1280	1320	1330	1240	1180	980	1100	1240	1280
1896	950	1070	720	720	720	720	720	950	950	950	950
1897	1070	1010	1010	950	950	890	890	950	950	1010	890
1898			550			550				550	
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900
1903	1280	1070	945	1040	945	945	945	945	945	945	1080
1904											
1905											
1906	700	700	675	700	750	880	750	750	750	810	880
1907											
1908	1180	1100	1100	1070	1040	965	900	965	1140	1070	1040
1909	790	980	1100	1220	1220	1140	1140	1140	1310	1140	1060
1910											
1911	870	750	940	1105	1035	1035	1070	1140	1140	1140	1070
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1230
1913											
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824
1915	930	1050	1050	1050	1050	990	990	930	990	930	990
1916	715	736	763	760	746	744	740	763	766	763	736
1917	679	891	1006	991	936	984	1253	888	715	811	740
1918	5248	4046	3033	2462	2244	2153	2078	1964	1826	1738	1428
1919	5569	605	555	535	620	680	740	659	669	674	684
1920	883	863	815	737	728	696	784	787	797	698	674
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1398
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905
1923	1078	765	869	855	944	1028	1426	1538	1390	1317	1210
1924	764	675	659	789	609	484	600	824	945	1248	949
1925	923	783	724	782	772	794	837	867	667	714	715
1926	604	574	823	866	850	889	940	830	756	688	802
1927	1026	1079	1033	1317	1062	1115	1193	1121	941	762	704
1928	791	1142	1433	1510	1566	1690	1368	1230	991	1425	1419
1929	739	690	945	917	692	567	560	721	690	726	811
1930	938	842	835	777	762	830	742	440	446	731	771
1931	599	872	737	745	797	713	807	686	637	625	750
1932	567	678	656	697	617	622	689	687	683	707	734
1933	732	661	708	663	697	678	665	744	790	771	690
1934	1326	1219	1372	1537	1498	1238	1104	773	834	977	908
1935	984	623	583	660	969	1010	1040	1018	954	966	807
1936	702	741	866	831	928	706	657	848	766	835	797
1937	345	483	532	584	619	717	699	459	398	483	563
1938	875	975	1135	945	734	735	735	734	904	904	989
1939	1221	925	1026	1014	1304	1021	812	686	481	822	794

TABLE, IN SECOND FEET, SHOWING DAILY FLOW OF BOISE R

8	9	10	11	12	13	14	15	16	17	18	19	20
980	1100	1240	1280	1330	1510	1650	1490	1450	1430	1370	1330	1280
950	950	950	950	1070	950	720	720	620	1010	1280	1350	1430
950	950	1010	890	830	720	620	620	620	570	570	570	720
2780	2780	2780	2780	2780	2780	2780	2980	2980	2980	2980	2980	2980
1570	1360	1360	1570	1910	1910	2480	4120	3910	3520	2810	2330	2260
1350	1350	1350	1270	1270	1270	1350	1430	1270	1270	1200	1200	1270
1140	1120	1040	900	865	830	900	900	1000	1080	1120	1080	1040
945	945	945	1080	752	500	500	570	640	678	715	790	1020
750	750	810	880	880	810	810	810	810	810	1060	960	880
965	1140	1070	1040	1140	1070	1180	1240	1100	1100	1070	1070	1240
1140	1310	1140	1060	1020	1020	1220	1490	3030	2610	3090	3990	5460
1140	1140	1140	1070	1000	1000	1000	965	870	810	870	1140	1210
1160	1230	1230	1250	1100	1100	1230	1380	1640	1660	1460	1420	1340
1220	1080	950	824	824	950	1150	1150	1080	1080	1220	1150	1080
930	990	930	990	930	930	930	900	990	900	930	930	930
763	766	763	736	754	764	759	717	723	719	733	746	745
888	715	811	740	769	677	662	603	595	498	590	498	590
1964	1826	1738	1428	1419	1445	1621	1583	1527	1450	1480	1517	1457
659	669	674	684	727	798	820	801	787	929	1109	1118	1073
787	797	698	674	657	651	692	747	880	1047	1096	1083	1014
1751	1540	1545	1393	1217	1155	1048	1819	1935	1700	1477	2586	2347
1178	1092	983	906	694	797	927	802	728	1028	1028	802	878
1538	1390	1317	1210	1155	897	938	1020	919	934	991	987	933
824	945	1248	949	899	661	662	673	883	881	843	761	698
867	667	714	715	629	716	575	625	601	652	656	816	669
830	756	688	802	772	740	692	776	801	902	862	760	738
1121	941	762	704	1179	1334	1066	1052	1083	1223	1051	1069	1075
1230	991	1425	1419	1298	1745	1482	2109	1887	1228	1224	1205	1725
721	690	726	811	793	588	977	787	852	785	854	789	791
440	446	731	771	805	859	779	706	804	604	559	645	605
686	637	623	750	810	745	660	541	794	759	652	648	534
687	683	707	734	731	644	446	481	501	645	727	771	743
744	790	771	690	652	635	677	654	636	831	653	735	752
773	834	977	908	1020	817	930	1026	957	867	871	833	861
1018	954	966	807	944	930	705	861	887	1228	492	739	717
848	766	835	797	993	1029	801	922	782	798	811	718	737
459	398	483	563	613	633	608	709	684	697	692	717	679
734	904	904	989	999	1074	914	1075	1325	1310	1220	1240	1225
686	481	822	794	691	791	791	790	786	786	804	931	835

FEET, SHOWING DAILY FLOW OF BOISE RIVER - JANUARY

16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.
1450	1430	1370	1330	1280	1240	1220	1240	1210	1140	1040	1070	950
620	1010	1280	1350	1430	1870	1870	1870	1550	1280	1510	1680	1770
620	570	570	570	720	830	830	950	770	720	720	620	620
2980	2980	2980	2980	2980	2980	2980	2780	2780	2780	2780	2060	1580
3910	3520	2810	2330	2260	2180	2040	2040	2040	1680	1680	1680	1680
1270	1270	1200	1200	1270	1310	1350	1310	1270	1240	1200	1200	1200
1000	1080	1120	1080	1040	1000	970	900	830	830	830	830	760
640	678	715	790	1020	1950	1680	1380	2400	4100	2990	2400	2010
810	810	1060	960	880	810	960	880	810	810	960	880	810
1100	1100	1070	1070	1240	1140	1070	930	1040	1180	1180	1100	1070
3030	2610	3090	3990	5460	5780	5460	4060	3210	2850	2490	2270	2110
870	810	870	1140	1210	810	700	700	650	1000	675	1000	1140
1640	1660	1460	1420	1340	1230	1230	1200	1300	1420	1550	1550	1380
1080	1080	1220	1150	1080	1150	1220	1220	1220	1220	1220	1370	1300
990	900	930	930	930	930	930	930	770	730	930	990	1050
723	719	733	746	745	918	1067	973	946	975	908	889	869
595	498	590	498	590	590	682	780	673	861	867	864	777
1527	1450	1480	1517	1437	1360	1207	1145	1201	1380	1603	1659	1506
787	929	1109	1118	1073	1011	1028	1116	1072	1015	928	868	851
880	1047	1096	1083	1014	1012	934	901	889	976	1211	2381	2491
1935	1700	1477	2586	2347	2032	1360	1520	1338	1760	1820	1565	1578
728	1028	1028	802	878	908	1078	999	978	1078	1203	1013	1043
919	934	991	987	933	859	865	777	1106	1021	1038	846	901
883	881	843	761	698	675	670	683	797	743	857	814	996
601	652	656	816	669	719	737	768	775	947	879	815	960
801	902	862	760	738	739	711	697	747	861	746	693	694
1083	1223	1051	1069	1075	776	611	701	768	819	895	989	1273
1887	1228	1224	1205	1725	2232	1734	1490	1601	1475	1592	1337	1077
852	785	854	789	791	730	695	765	766	629	629	876	820
804	604	559	645	605	587	683	589	615	666	677	814	810
794	759	652	648	534	592	650	897	845	913	695	675	826
501	645	727	771	743	620	578	526	480	387	486	560	676
636	831	653	735	752	747	721	735	808	684	613	721	873
957	867	871	833	861	887	1021	1159	2056	2184	1636	1477	1421
887	1228	492	739	717	506	667	848	924	939	893	812	826
782	798	811	718	737	805	695	613	638	617	582	417	429
684	697	692	717	679	629	449	549	644	654	604	654	709
1325	1310	1220	1240	1225	1060	1250	1568	1445	1195	1020	1125	1165
786	786	804	931	835	839	825	493	481	818	813	743	1066

Chart 2

22	23	24	25	26	27	28	29	30	31	Total
220	1240	1210	1140	1040	1070	950	1100	1140	1280	
870	1870	1350	1280	1510	1680	1770	1680	1680	1590	
830	950	770	720	720	620	620	830	950	1010	
980	2780	2780	2780	2780	2060	1580	1340	550	550	
040	2040	2040	1680	1680	1680	1680	1680	1220	1220	
350	1310	1270	1240	1200	1200	1200	1130	1130	1200	
970	900	830	830	830	830	760	695	830	1120	
680	1380	2400	4100	2990	2400	2010	1680	1570	1470	
960	880	810	810	960	880	810	810	750	750	
070	930	1040	1180	1180	1100	1070	1040	1100	1965	
460	4060	3210	2850	2490	2270	2110	1960	1860	1860	
700	700	650	1000	675	1000	1140	1210	1320	2140	
230	1200	1300	1420	1550	1550	1380	1300	1230	1160	
220	1220	1220	1220	1220	1370	1300	1150	1220	1220	
930	930	770	730	930	990	1050	1110	1050	1050	
067	973	946	975	908	889	869	836	849	843	
682	780	673	861	867	864	777	877	777	690	
207	1145	1201	1380	1603	1659	1506	1413	1355	1386	
028	1116	1072	1015	928	868	851	779	758	688	
934	901	889	976	1211	2381	2491	2430	1984	1726	
360	1520	1338	1760	1820	1565	1578	1380	1757	1331	
078	999	978	1078	1203	1013	1043	943	968	873	
865	777	1106	1021	1038	846	901	1041	554	845	
670	683	797	743	857	814	996	983	876	876	
737	768	775	947	879	815	960	782	1172	1137	
711	697	747	861	746	693	694	807	955	892	
611	701	768	819	895	989	1273	1123	1106	1054	
734	1490	1601	1475	1592	1337	1077	1221	1221	1216	45,004
695	765	766	629	629	876	820	821	745	707	22,757
683	589	615	666	677	814	810	820	795	811	22,367
650	897	845	913	695	675	826	706	749	750	22,407
578	526	480	587	486	560	676	685	636	642	19,306
721	735	808	684	613	721	873	617	663	757	21,963
021	1159	2056	2184	1636	1477	1421	1301	1279	1206	39,840
667	848	924	939	893	812	826	923	836	837	26,128
695	613	638	617	582	417	429	478	411	413	22,306
449	549	644	654	604	654	709	657	710	611	18,784
250	1568	1445	1195	1020	1125	1165	1278	1358	1255	33,746
829	493	481	818	813	743	1066	1058	848	823	26,118

FEBRUARY

8	9	10	11	12	13	14	15	16	17	18	19	20	
1180	1180	1210	1100	1010	1100	1180	1070	1100	1180	1210	1180	1220	
1070	1070	1070	1010	1070	1070	1010	1070	1070	1010	1010	1070	1070	1
1350	1350	1210	1140	1140	1070	1070	1070	1010	1010	950	950	890	1
		1060				1230			1750				14
1340	1580	1940	1580	1580	1580	1340	1460	1460	1580	1580	1580	1580	14
1570	1680	1570	1460	1460	1460	1460	1460	1460	1360	1460	1460	1460	16
1160	1100	1200	1200	1270	1270	1240	1350	2430	2120	1870	2180	2180	202
1800	2000	2000	1900	1800	1560	1350	1310	1270	1350	1440	1390	1350	127
1330	1280	1200	1110	945	865	1020	790	945	1110	1020	1020	1020	102
810	810	810	810	880	920	960	1010	1160	1240	1280	1330	1310	1280
3540	3540	3420	3060	2950	2900	2840	2900	2900	2950	2900	2900	2840	2900
1070	1070	1040	1000	1000	930	950	965	1070	1040	1040	965	1000	965
1580	1500	1490	1440	1580	1960	1760	1760	2160	3400	2970	2610	2550	2580
1300	1230	1325	1410	1325	1370	1230	1170	1140	1060	1230	1230	1230	1140
1230	1230	1460	1550	1380	1340	1300	1260	1300	1460	1880	1780	1550	1460
1220	1020	1080	1220	1080	1080	1080	1080	950	1020	1220	1220	1300	1530
1050	1050	1050	990	930	930	820	730	820	930	1050	1110	1110	1050
1106	1127	1148	1206	1182	1106	1066	1057	1074	1109	1111	1159	1158	1164
795	783	698	695	948	857	857	857	765	800	972	923	917	825
1437	1380	1370	1355	1488	1493	1583	1534	1477	1432	1382	1486	1417	1449
855	858	847	1062	1351	1556	1203	938	927	995	992	973	943	930
1259	1182	1063	1021	976	1041	999	977	1017	1073	1130	1099	1102	1160
1199	1239	1270	1485	1215	1680	1900	2044	2933	2414	1311	1236	1465	1500
1152	1383	1197	1110	1014	889	731	670	753	1023	1101	1280	1233	1115
817	982	861	932	671	759	772	873	928	761	934	831	936	1022
2050	2445	1966	1336	1107	1507	1222	1178	1282	1356	1334	1266	1142	1164
3846	2972	2088	1758	1638	1637	1778	1775	1608	1581	1443	1445	1558	1677
1900	1620	1485	1497	1554	1252	1056	1033	1017	1000	1031	1004	1020	1020
1564	1607	933	1911	1060	1234	1243	1255	1150	1518	1204	1481	1789	3015
1577	1291	1447	1549	1324	1166	1475	1166	924	1188	1192	1442	1452	1595
614	614	705	737	508	750	794	823	866	845	996	1049	1078	1044
1094	1087	975	1055	971	969	881	1343	1488	1268	1405	1290	1163	1767
782	466	772	836	837	688	630	862	890	887	974	925	908	1005
655	688	810	653	569	549	436	431	545	466	468	489	534	486
692	593	585	655	788	781	713	770	940	702	768	777	769	763
1475	1560	1610	1506	1465	1324	1322	1316	1384	1463	1465	1314	1192	1595
1156	1257	1038	924	917	918	928	883	753	781	922	924	1062	1119
686	598	557	708	728	1003	835	1042	608	776	1012	716	896	843
682	678	678	723	723	670	795	715	870	875	865	786	709	578
1163	1168	1163	1412	1505	1707	1486	1459	1443	1199	1189	1128	1831	1481
1003	785	775	793	1045	811	811	813	911	675	799	798	909	762

FEBRUARY

15	16	17	18	19	20	21	22	23	24	25	26	27	28
070	1100	1180	1210	1180	1220	1210	1210	1290	1350	1390	1430	1450	1450
070	1070	1010	1010	1070	1070	1070	1140	1140	1140	1210	1210	1280	1770
070	1010	1010	950	950	890	830	890	890	890	830	770	770	830
460	1460	1580	1580	1580	1580	1400	1460	1540	1220	1400			1750
460	1460	1360	1460	1460	1460	1460	2480	2330	2180	2040	1340	1460	1460
1350	2450	2120	1870	2180	2180	1680					2180	2040	2040
1310	1270	1350	1440	1390	1350	2020	1820	1970	1870	2070	1970	4160	4380
790	945	1110	1020	1020	1020	1270	1270	1270	2880	2460	2220	2110	1800
						1020	1110	1110	1110	1110	1020	1110	1110
1010	1160	1240	1280	1330	1310	1280	1310	1280	1200	1160	1160	1110	1300
2900	2900	2950	2900	2900	2840	2900	2840	2900	3060	3180	3420	4060	4150
965	1070	1040	1040	965	1000	965	1000	1040	1140	1180	1210	1240	1320
1760	2160	3400	2970	2610	2550	2580	2060	2060	2160	2160	2110	2060	2110
1170	1140	1060	1230	1230	1230	1140	1110	1170	1140	1170	1170	1140	1060
1260	1300	1460	1880	1780	1550	1460	1420	1460	1380	1160	1160	1260	1230
1080	950	1020	1220	1220	1300	1530	2190	2300	2140	1980	1880	1700	1790
730	820	930	1050	1110	1110	1050	1050	1104	995	1070	1076	1036	1112
1057	1074	1109	1111	1159	1158	1164	1183	1223	1224	1222	1212	1248	1228
857	765	800	972	923	917	825	834	937	869	1096	1022	1156	1035
1534	1477	1432	1382	1486	1417	1449	1345	1366	1431	1429	1418	1401	1401
938	927	995	992	973	943	930	908	943	939	916	901	975	1087
977	1017	1073	1130	1099	1102	1160	1176	1147	1093	1050	971	938	936
2044	2933	2414	1311	1236	1465	1500	2195	2204	2560	2090	1800	1985	2260
670	753	1023	1101	1280	1233	1115	865	715	850	869	951	1019	716
875	928	761	934	831	936	1022	1041	1067	1290	1263	1280	1163	1233
1178	1282	1356	1334	1266	1142	1164	1145	1314	1018	1072	1120	1290	1121
1775	1608	1581	1443	1443	1558	1677	1938	1820	2302	2132	2024	1840	1906
1033	1017	1000	1031	1004	1020	1020	1000	992	1063	1072	1020	1099	1032
1255	1150	1318	1208	1281	1789	3015	4104	3488	2949	2719	2850	2576	2702
1166	924	1188	1192	1442	1452	1593	1426	1407	1407	1410	1380	1364	1284
823	866	845	996	1049	1078	1044	931	754	1050	911	837	998	870
1343	1488	1268	1405	1290	1163	1767	1455	1715	1487	1282	1275	1175	1171
862	890	887	974	925	908	1005	832	856	706	805	788	835	823
431	545	466	468	489	534	496	666	672	614	644	670	614	1082
770	940	702	768	777	769	763	769	900	767	746	744	752	765
1316	1384	1463	1445	1314	1192	1595	1550	1190	1479	1327	1398	1407	1550
883	753	781	922	934	1062	1119	1101	1043	1039	1036	920	1006	1017
1042	608	776	1012	716	896	843	1137	1170	1102	1087	947	857	942
715	870	875	865	786	709	578	612	850	750	777	801	781	762
1459	1443	1199	1189	1128	1201	1437	1108	1207	1207	1102	1219	1346	1434
813	911	675	799	798	909	162	883	871	983	998	1094	897	861

Chart 2A

	22	23	24	25	26	27	28	29	30	31	Total
10	1210	1290	1350	1390	1430	1450	1450				
70	1140	1140	1140	1210	1210	1280	1770	1870			
50	890	890	890	830	770	770	830				
60	1460	1340	1220	1220	1340	1460	1750				
80	2480	2330	2180	2040	2180	2040	1460				
20	1820	1970	1870	2070	1970	4160	4380				
70	1270	1270	2880	2460	2220	2110	1800				
20	1110	1110	1110	1110	1020	1110	1110				
80	1310	1280	1200	1160	1160	1110	1300				
00	2840	2900	3060	3180	3420	4060	4130				
65	1000	1040	1140	1180	1210	1240	1320	1360			
80	2060	2060	2160	2160	2110	2060	2110				
40	1110	1170	1140	1170	1170	1140	1060				
60	1420	1460	1380	1160	1160	1260	1230	1080			
30	2190	2300	2140	1980	1880	1700	1790				
50	1050	1104	995	1070	1076	1036	1112				
64	1183	1223	1224	1222	1212	1248	1228	1160			
25	834	937	869	1096	1022	1156	1035				
49	1345	1366	1431	1429	1418	1401	1401				
30	908	943	939	916	901	975	1087				
60	1176	1147	1093	1050	971	938	936	927			
00	2195	2204	2560	2090	1800	1985	2260				
15	865	715	850	869	951	1019	716				
22	1041	1067	1290	1263	1280	1183	1233				
64	1145	1314	1018	1072	1120	1290	1121	1165			
77	1938	1820	2302	2132	2024	1840	1906				
20	1000	902	1063	1072	1020	1059	1032				
15	4104	3488	2949	2719	2850	2576	2702				
93	1426	1407	1407	1410	1380	1364	1264	1273			39,677
44	931	754	1050	911	837	998	870				24,860
67	1455	1715	1487	1282	1275	1175	1171				32,194
05	832	856	706	805	788	835	829				22,649
06	666	672	614	644	670	814	1052	1239			18,376
63	769	800	767	746	744	752	765				20,568
95	1550	1190	1479	1327	1398	1407	1550				39,474
19	1101	1043	1039	1036	920	1006	1037				27,168
43	1137	1170	1102	1087	947	857	942	947			23,678
78	612	858	758	797	801	781	962				20,864
37	1108	1207	1207	1102	1219	1346	1424				35,753
782	883	871	988	998	1094	897	861				23,585

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	1640	1610
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890
1898	1750	1920	1920	1920	2260	2430	2430	2260	2260	2430	2770	2600
1899	1580	1580	1580	1580	1460	1480	1460	1460	1340	1340	1340	1400
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	4810	5990
1901	3930	4600	4270	3930	3060	2880	3260	3260	2880	2720	2640	2430
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	1410	1420	1390
1903	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	1200	1200
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	5320	4890
1905												
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1430	1390
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4060	3930
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1070	1210
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2560	2610
1910	3360	5590	6700	6700	7170	6850	6550	6700	6700	6700	6850	7170
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	1495	1540
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	1230	1230
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	2140	2140
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	3220	3300
1915	1062	992	998	1060	1019	1009	1000	936	962	955	1093	1195
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064
1917	1038	913	914	1006	1036	916	997	990	987	944	904	944
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645
1919	1186	1278	1385	1290	1154	1178	1171	1163	1010	948	967	1069
1920	911	1059	1097	1107	1206	1059	1128	1022	1086	1171	1260	1257
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3755	4010
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	889	917
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	962	1182
1924	1117	952	1202	1267	1155	1101	1113	1150	1093	1008	1106	1179
1925	1718	1562	1671	1765	1930	2758	3457	3358	2995	2556	2114	2019
1926	1202	1300	1387	1487	1756	1725	1529	1619	1608	1688	1803	1666
1927	2525	2255	2511	2289	3068	3019	3376	3240	3108	3073	2642	2793
1928	1167	1286	1049	1415	1375	1375	1157	1674	1888	2664	3047	5904
1929	771	936	822	950	1060	1055	1219	1245	1350	1272	2102	1527
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045	1117
1931	678	658	830	917	838	866	863	725	836	964	906	1008
1932	1428	1349	1203	1001	797	936	968	772	612	587	523	425
1933	818	792	761	748	752	687	696	700	731	826	824	836
1934	1277	1437	1573	1798	1855	1797	1802	1685	1638	1644	1619	1710
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847	1094
1936	1060	1113	1325	1444	1573	1415	1504	1561	1549	1628	1656	1581
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089	1490
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239	2307
1939	860	775	908	1023	1004	1017	906	878	986	869	1097	1130

8	9	10	MARCH										
			11	12	13	14	15	16	17	18	19	20	21
1350	1410	1510	1640	1610	1550	1490	1410	1370	1350	1370	1390	1390	1390
1210	1350	1210	1280	1280	1350	1350	1350	1350	1280	1350	1550	1590	2430
1140	1070	1010	1010	890	770	890	890	890	1090	1070	1010	950	950
2260	2260	2430	2770	2600	2430	1920	2090	1920	1750	1750	1750	1750	1920
1460	1340	1340	1340	1400	1400	1340	1340	1340	1340	1580	1940	2060	2060
2980	3910	4230	4810	5990	5990	5860	5860	6120	6120	6390	6390	6120	6120
3260	2880	2720	2640	2430	2180	2180	2180	2180	2570	2570	2570	2720	2880
1440	1440	2410	1420	1390	1390	1350	1350	1350	1350	1350	1350	1350	1440
1020	1020	1110	1200	1200	1580	1470	1570	1570	1570	1570	1620	1680	1680
8180	11500	6760	5320	4890	4480	4090	3900	3540	3720	3900	4890	4680	4380
										1930	1850	1660	1630
1240	1390	1470	1430	1390	1350	1280	1160	880	750	810	880	1060	1160
4480	4410	4200	4060	3930	3740	3480	3540	3670	3540	6220	10600	10800	11300
965	1000	1000	1070	1210	1360	1560	2780	3950	3810	4940	4100	3270	3020
2730	2790	2610	2550	2610	2610	2850	3210	3780	4130	4130	3990	4130	3850
6700	6700	6700	6850	7170	7490	8450	8770	9250	9890	10400	11800	15200	15600
1495	1450	1450	1495	1540	1540	1640	1895	2170	2555	2670	2980	3370	3910
1230	1200	1220	1230	1230	1230	1340	1380	1500	1460	1420	1380	1380	1290
1340	1580	1670	2140	2140	1840	1670	1500	1500	1500	1670	1670	1500	1340
2490	2670	2880	3220	3300	3520	3750	3830	4340	4730	5120	5530	5180	5120
936	962	955	1095	1195	1186	1224	1206	1295	1379	1285	1540	1669	1546
998	1349	1968	2600	3064	3552	3443	3345	3506	4057	4521	4902	5657	6189
990	987	944	904	944	812	905	866	887	826	865	848	926	1024
1361	1455	1537	1700	1645	1744	1699	1758	2397	2209	2118	2637	2705	3355
1163	1010	948	967	1069	1080	1063	1035	1123	1195	1138	1135	1280	1488
1022	1080	1171	1260	1257	1295	1490	1569	1470	1534	1444	1393	1342	1443
4212	4605	4116	3755	4010	4085	3895	4426	4168	4590	4450	5725	5346	4561
1109	957	962	889	917	990	725	485	777	1255	1822	2246	2395	2310
1309	1092	1083	962	1182	1242	1158	1014	1033	1057	1148	1122	1064	1290
1150	1095	1008	1106	1179	1044	1078	1016	974	969	958	964	964	1028
3358	2995	2556	2114	2019	1995	1789	1790	1644	1985	1982	1988	2033	2661
1619	1608	1688	1803	1666	1828	2490	2728	3083	3576	3155	2939	2805	2769
3240	3108	3075	2642	2793	2492	3090	3901	3348	2755	3078	2766	2728	2486
1674	1888	2664	3047	5304	4629	3924	3468	3168	3096	3370	3742	4360	5013
1245	1350	1272	2102	1927	1838	1683	1582	1634	1720	1856	1860	1920	2042
1119	1205	1051	1045	1117	1113	1261	1479	1637	1565	1670	1693	1705	1900
725	836	964	906	1008	1288	1209	1220	1385	1416	1527	2571	2553	2565
772	612	587	523	425	1519	1359	1478	1533	1501	1836	4216	8578	6327
700	731	826	824	836	1117	1090	1002	1074	1221	1313	1257	1273	1335
1685	1658	1644	1619	1710	1857	2141	2312	2658	2822	2573	2354	2330	2320
1044	1161	1096	847	1094	1118	1364	1774	1797	1687	1588	1616	1413	1528
1561	1549	1628	1656	1581	1767	1654	1434	1293	1444	1398	1468	1722	2304
1107	1192	1049	1089	1490	1505	1632	1906	2266	2159	2510	2013	1649	1577
2171	2235	2239	2239	2307	3039	3496	3291	3526	4726	4586	4444	4468	3838
878	986	869	1097	1130	1378	1424	1283	1105	1621	1981	2445	3140	3413

MARCH

	16	17	18	19	20	21	22	23	24	25	26	27	28
5	1370	1350	1370	1390	1390	1390	1390	1390	1430	1550	1740	2060	3000
10	1350	1280	1350	1350	1590	2430	2970	3120	4100	4100	6490	8260	6810
50	890	1090	1070	1010	950	950	1010	1210	1510	1870	3120	3430	3120
90	1920	1750	1750	1750	1750	1920	1750	1580	1400	1400	1400	1400	1400
40	1340	1340	1580	1940	2060	2060	1820	1820	1940	3760	2130	2580	2780
60	6120	6120	6390	6390	6120	6120	6120	6660	6660	6660	6920	6660	5330
80	2180	2570	2570	2570	2720	2880	3930	3480	3060	3060	2640	2570	2450
50	1350	1350	1350	1350	1350	1440	1440	1440	1440	1440	1440	1480	1440
70	1570	1570	1570	1620	1680	1680	1900	2010	2400	3340	3520	4100	4750
00	3540	3720	3900	4890	4680	4380	4000	3900	3540	3460	3210	3290	3050
			1930	1850	1660	1630	1630	1630	1640	1640	1940	2090	1860
60	880	750	810	880	1060	1160	1240	1350	1490	2250	2840	5180	3180
40	3670	3540	6220	10600	10800	11300	9990	8630	7910	7430	6740	6300	6070
80	3950	3810	4940	4100	5270	3020	2840	2780	2900	3200	3020	2960	2720
10	3780	4130	4130	3990	4130	3850	3850	4060	4130	4550	4840	3780	6280
70	9250	9890	10400	11800	15200	15600	16600	16100	12100	10600	10200	9250	9090
95	2170	2555	2670	2980	3370	3910	4200	4800	4800	4350	3840	3665	3500
80	1500	1460	1420	1380	1380	1290	1300	1420	1600	1730	2030	2480	2970
00	1500	1500	1670	1670	1500	1540	1420	1340	1340	1340	1200	1200	1480
30	4540	4730	5120	5530	5180	5120	4780	4730	4670	4540	3880	5690	3260
206	1295	1379	1285	1540	1669	1546	1951	2183	2500	2319	2190	1985	2080
45	3506	4057	4521	4902	5657	6189	5434	4801	4156	3751	3522	3471	4128
66	887	826	865	848	926	1024	1016	1020	924	1048	1006	933	906
58	2397	2209	2118	2637	2705	3355	3815	4015	4377	4720	5264	6243	6415
35	1123	1195	1136	1135	1280	1488	1788	1819	2581	2738	3288	3278	3678
669	1470	1534	1444	1393	1342	1443	1808	2109	2168	2108	1859	1852	1759
26	4168	4550	4450	5725	5346	4581	5073	4960	4927	5093	4881	4413	4092
85	777	1255	1822	2246	2395	2310	2235	2681	4669	4453	3473	3156	2936
14	1033	1057	1148	1122	1064	1290	1237	1219	1532	1419	1804	1610	1884
16	974	969	958	964	964	1028	976	948	995	866	1058	900	997
90	1844	1983	1982	1988	2033	2661	5692	4305	5045	4980	4850	4920	4480
28	3083	3576	3155	2939	2805	2769	2811	3040	3470	3393	2575	2525	2318
01	3348	2755	3078	2766	2728	2486	2462	2777	2726	3174	3384	3152	3278
68	3168	3096	3370	3742	4360	5015	6156	8715	8649	9920	8122	8559	8443
82	1634	1720	1856	1860	1920	2042	3083	2768	1681	1745	1575	1578	1820
79	1637	1565	1670	1693	1705	1900	2038	2073	2029	2094	2242	2972	2312
20	1385	1416	1527	2571	2553	2565	2865	2833	2400	1950	1856	1504	1700
78	1533	1501	1836	4216	8578	6327	3770	2934	2845	2965	2965	2460	2254
02	1074	1221	1313	1257	1273	1335	1141	1098	1081	1003	927	1099	1106
12	2658	2822	2573	2354	2330	2320	2466	2662	2685	2458	2445	2285	2760
74	1797	1687	1588	1616	1413	1528	1418	1397	1234	1386	1433	1364	1349
34	1293	1444	1398	1468	1722	2304	2481	2260	2057	1858	1681	1624	1668
06	2266	2159	2510	2013	1649	1577	1462	1428	1285	1321	1402	1473	1493
91	3626	4726	4586	4444	4468	3838	3471	3509	3305	3402	2310	3581	3471
283	1105	1621	1981	2445	3140	3413	3878	4466	4809	5842	6017	5680	5766

Chart 2B

22	23	24	25	26	27	28	29	30	31	TOTAL
1390	1390	1430	1550	1740	2060	3060	3430	2860	2590	
2970	3120	4100	4100	6490	8260	6810	6190	4100	3930	
1010	1210	1510	1870	3120	3430	3120	2970	2690	2430	
1750	1580	1400	1400	1400	1400	1400	1580	1750	1750	
1820	1820	1940	3760	2130	2580	2780	2780	2780	2580	
6120	6660	6660	6660	6920	6660	5330	5330	5060	5060	
3930	3480	3060	3060	2640	2570	2430	2240	2180	2180	
1440	1440	1440	1440	1440	1480	1440	1440	1440	1440	
1900	2010	2400	3340	3520	4100	4750	5970	7900	8070	
4000	3900	3540	3460	3210	3290	3050	4680	4680	4090	
1630	1630	1640	1640	1940	2090	1860	1860	1820	1650	
1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	
9990	8630	7910	7430	6740	6300	6070	5920	5770	5700	
2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	
3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	
6600	16100	12160	10800	10200	9250	9090	8770	8450	8290	
4200	4800	4800	4350	3840	3665	3500	3630	4500	4050	
1300	1420	1600	1730	2030	2480	2970	3360	3230	3130	
1420	1340	1540	1340	1200	1200	1480	1970	4040	4130	
4780	4730	4670	4540	3880	3690	3260	3090	3040	3000	
1951	2183	2500	2319	2190	1985	2080	2787	2612	2075	
5434	4801	4156	3751	3522	3471	4128	4416	4389	4472	
1016	1020	924	1048	1006	933	906	1208	1563	1698	
3813	4013	4377	4720	5264	6243	6415	6414	6477	6335	
1788	1819	2381	2738	3288	3278	3678	4099	4812	5241	
1808	2109	2168	2108	1859	1852	1755	1579	1495	1559	
5073	4960	4927	5093	4881	4413	4092	4221	4306	4633	
2235	2681	4669	4453	3473	3156	2936	2782	2429	2972	
1237	1219	1532	1419	1804	1610	1884	2721	3359	4330	
976	948	995	866	1058	900	997	919	914	764	
3692	4305	5045	4980	4830	4920	4460	5690	6054	6250	
2811	3040	3470	3393	2575	2525	2318	2074	2030	1865	
2462	2777	2726	3174	3384	3152	3273	3732	4012	4810	
6156	8715	8649	9920	8122	8559	8443	7252	6658	5978	136,423
3085	2788	1681	1746	1575	1578	1820	1984	1976	2318	50,952
2038	2073	2029	2094	2242	2972	2612	2505	2948	3073	51,808
2865	2833	2400	1950	1856	1504	1700	1623	1351	1718	45,623
3770	2934	2845	2955	2965	2460	2254	3060	2918	2724	67,913
1141	1098	1081	1003	997	1099	1106	1640	1644	1665	32,237
2466	2662	2685	2458	2445	2285	2760	5492	6110	5265	75,848
1418	1397	1234	1386	1433	1364	1349	1349	1709	1926	41,575
2481	2260	2057	1858	1681	1624	1668	1624	1491	1393	50,030
1462	1428	1285	1321	1402	1473	1493	1600	1723	1755	44,935
3471	3509	3305	3402	2310	3581	3347	3439	3194	2840	95,513
3878	4466	4809	5842	6017	5680	5766	5652	5231	5563	82,147

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930
1897	2560	2190	2080	2190	2080	2430	2430	2310	2970	3590	4890	6490
1898	1580	1750	1750	1400	1230	1400	1750	1580	1580	2090	2260	2600
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	5710
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780
1909	6650	7450	8200	7550	7100	6400	5900	5900	5600	6600	6550	6450
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360
1913	4640	4500	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8918	11761	11644
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889
1921	4960	5767	7327	8583	6136	7996	5956	5193	4763	4887	6514	5327
1922	3260	2889	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050
1926	1991	1761	1894	1767	2133	2025	2316	2702	3180	3305	3319	3344
1927	4481	5998	5446	4916	4032	4406	4917	5380	5659	5298	4742	4570
1928	5834	5406	5252	4801	4587	4407	3948	3809	3590	3952	3737	4216
1929	1871	1814	1951	2290	2609	2586	2202	2129	1950	1688	1726	1701
1930	2581	3183	2944	3242	3610	4160	5125	5379	5540	5662	5685	5631
1931	2199	3177	3354	2629	2470	2533	2709	3256	3115	3192	3072	3206
1932	3195	3973	4661	5202	4783	4470	4032	4038	4045	4011	4576	5694
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443
1936	1390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748
1937	2008	2800	3385	2295	2160	1990	1889	1776	1642	1960	1960	1988
1938	2867	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697

APRIL

8	9	10	11	12	13	14	15	16	17	18	19	20	21
250	2520	2830	3020	3240	3510	3680	3850	4020	4200	4370	4510	4680	4890
270	3760	4890	3930	3930	6810	11000	7150	6190	5910	4890	4470	3930	3760
280	1580	3530	4890	6490	7880	8660	14300	19000	26200	27000	29500		
280	5580	2090	2260	2600	3800	5170	5510	6020	6360	6360	5510	5510	5680
250	6650	7000	7600	8320	8140	7450	7300	10170	8500	8690	7000	6700	6700
		6660	5860	6390	7180	6120	5600	6120	5860	6120	6120	6120	6120
300	2360	2720	3460	4380	5050	5720	5900	5050	5280	5500	6170	6840	6840
360	3030	2590	2590	2660	2660	2590	2730	3740	4160	5500	5950	6400	5500
310	4530	7740	6810	5710	4980	5220	5340	5710	6240	6520	6660	6810	7740
390	6760	10400	11500	13700	15500	18000	19700	17800	16400	15400	17200	18000	15400
420	3050	2810	2570	2470	2570	2490	2490	2660	2820	2710	2980	3380	3380
410	5250	5620	4830	4620	4760	4830	5470	6070	6300	6370	6440	6520	7430
430	9030	11600	11600	13680	14600	15600	17000	16000	14500	13600	12300	11300	11400
400	3140	5180	5580	6780	8670	7950	7770	8760	8040	7950	8850	9600	10100
400	5600	6600	6550	6450	7150	8000	8450	9000	9150	9150	9050	8750	8450
430	9890	10500	11500	12000	11800	11200	10500	10000	10000	10000	10200	10800	10500
420	4790	5050	4750	4280	4120	3890	3780	3630	3750	4300	4430	4410	4250
400	7200	8070	7870	7360	6560	5780	5600	5280	5240	5530	5350	5240	4970
490	4230	4600	5280	5980	6980	7710	8310	7440	6900	7490	7910	7520	8100
460	7840	8420	8500	8100	8510	8750	9650	11300	10100	9250	8870	8800	8900
491	2640	2677	2799	2997	3574	3719	3501	3663	4073	4056	4108	4130	4300
482	7735	8918	11261	11644	10351	10410	10620	10490	9840	9550	8500	7540	7470
449	2374	3735	3881	4131	6451	4496	3948	3509	3093	2976	2850	3091	3701
495	4356	4985	7036	7100	6877	6838	6577	6063	5537	5144	3862	4145	4422
490	4657	4320	4467	4513	4483	4467	4267	4022	4083	4226	5155	5903	6490
495	2798	3230	3602	3889	4069	4230	4214	4248	3943	3558	3452	3535	3694
493	4763	4887	6514	5327	7017	8340	7536	6812	6002	6002	6172	6725	7155
494	6242	5026	5028	3849	3758	3457	3506	3305	2840	2585	2630	3265	3935
494	3633	3645	3874	5255	4705	4777	4548	4905	6311	6805	6347	6092	5045
422	2506	2714	2762	2722	2699	3378	3415	2745	2250	2191	2015	2144	2124
400	8830	10400	11355	13050	14200	12950	11335	11440	11755	12275	10665	8930	7786
402	3180	3305	3319	3344	3483	4083	4321	4867	5381	5802	5848	6001	5863
480	5659	5298	4742	4570	3980	4118	4603	4980	4956	5073	4648	4734	4200
409	3590	3952	3737	4216	3607	5977	3797	4053	4198	4445	4659	4221	4380
429	1950	1688	1726	1701	1558	1562	2046	2219	2552	3065	3471	4107	4235
479	5540	5662	5685	5631	5525	5481	5290	4418	3885	3774	3343	3400	4141
456	3115	3192	3072	3206	3540	3326	3143	2972	3083	3119	3554	2833	3070
488	4045	4011	4576	5694	7452	8697	9076	8305	8060	6727	6413	6664	6338
469	2455	1864	1512	1407	1486	1487	1809	2471	3328	3477	3250	3663	4220
479	3634	3548	4155	4344	4924	5274	5156	4687	4476	3941	4048	3958	4144
478	4057	4412	4198	4443	4871	5695	6446	8138	7767	6191	5524	6063	7305
473	2409	3573	4529	6748	8620	10535	11125	13522	12154	15960	18600	18270	17980
476	1642	1960	1960	1988	2287	4490	5662	7167	5220	4422	3785	3810	4022
476	4548	4828	5365	5802	6088	6436	6674	7394	7848	8938	12800	14070	12825
478	5441	4937	4823	4697	4700	4359	4117	3946	4252	4451	4701	5133	5708

APRIL

	16	17	18	19	20	21	22	23	24	25	26	27	28
0	4020	4200	4370	4570	4680	4890	4470	4890	5380	5910	6810	6490	6840
0	6190	5910	4890	4470	3930	3760	4890	5130	5130	5910	7150	5640	5380
0	19000	26200	27000	29500	3930	5680	5580	5680	5680	5850	11650	9060	7960
0	6020	6360	6360	5510	5510	6700	7960	10910	13130	11280	6540	6540	6540
0	10170	8500	8690	7000	6700	6120	6120	6120	6120	6120	5860	5860	5860
0	6120	5860	6120	6120	6120	6120	6120	6120	6120	6120	5860	5860	5860
0	5050	5280	5500	6170	6840	6840	7180	7740	8640	7850	8080	7290	7070
0	3740	4160	5500	5950	6400	5500	5050	4600	4160	3840	3940	3940	3740
0	5710	6240	6520	6660	6810	7740	11500	11000	11500	12100	13300	12700	10500
0	17800	16400	15400	17200	18000	15400	12200	10100	9120	9120	11100	13600	11800
0	2660	2820	2710	2980	3380	3380	3320	3540	3540	3950	4410	4570	4070
0	6070	6300	6370	6440	6520	7430	8070	8550	7830	7430	6520	6300	6220
0	16000	14500	13600	12300	11300	11400	11400	12500	12500	12500	12100	11900	11500
0	8760	8040	7950	8850	9600	10100	10600	9900	8940	7940	7590	7140	6690
0	9000	9150	9150	9050	8750	8450	8000	8200	8350	8000	9400	10500	10200
0	10000	10000	10000	10200	10800	10500	10400	10300	10500	11000	11300	11500	11300
0	3630	3750	4300	4430	4410	4250	4280	4620	5330	6500	8200	8500	8300
0	5280	5240	5530	5350	5240	4970	4970	4800	4900	5780	5760	5740	6000
0	7440	6900	7490	7910	7520	8100	8670	7650	6790	6430	7140	7870	8290
0	11300	10100	9250	8870	8800	8900	9490	9590	9360	9300	7970	8070	7840
0	3663	4073	4056	4108	4130	4300	4090	3728	3387	3212	3296	3292	3357
0	10490	9840	9550	8500	7540	7470	7660	7490	9450	11390	13460	14960	14020
0	3509	3093	2976	2850	3091	3701	5092	5900	7547	8193	9086	9314	9990
0	6063	5537	5144	3862	4145	4422	4966	5569	6797	7647	7167	6552	6124
0	4022	4083	4226	5155	5903	6490	6946	7273	8021	9470	10433	10516	10383
0	4248	3943	3558	3452	3535	3694	3728	3664	3246	2931	2893	3152	3518
0	6812	6002	6002	6172	6725	7155	7138	7674	8104	7287	6587	5830	6050
0	3305	2840	2585	2630	3265	3935	5425	7240	8120	8815	8870	9270	9976
0	4905	6311	6805	6347	6092	5045	4455	3962	3538	2938	3222	3601	4610
0	2745	2250	2191	2015	2144	2124	2476	2907	3094	2821	2761	2548	2741
0	11440	11755	12275	10665	8930	7786	7050	6760	5857	5666	5365	5140	5220
0	4867	5381	5802	5848	6001	5863	5023	4796	4214	3991	4071	4313	4525
0	4980	4956	5073	4648	4734	4200	4305	4219	4865	6872	10092	13778	14531
0	4053	4198	4445	4659	4221	4380	4232	3978	4641	5988	6929	10105	11480
0	2219	2552	3065	3471	4107	4235	5966	5860	4207	4109	4013	4434	4832
0	4418	3885	3774	3343	3400	4141	4781	5185	6194	5909	5666	4546	4786
0	2972	3083	3119	3354	2833	3070	2981	2784	3070	2662	2521	2502	2601
0	8308	8060	6727	6413	6664	6338	5443	4868	4325	4181	4438	5337	5997
0	2471	3328	3477	3250	3663	4220	4186	4820	5649	6315	7220	8267	9084
0	4687	4476	3941	4048	3958	4144	4688	4838	5446	4520	4964	4277	3896
0	8138	7767	6191	5524	6063	7305	8311	7747	6145	5407	5092	5495	6314
0	23922	12154	15960	18600	18270	17980	17140	18345	19790	17200	25155	13250	11980
0	7167	5220	4422	3785	3810	4022	4497	3958	3501	3206	3345	4635	5338
0	7394	7848	8938	12800	14070	12825	12541	13191	13278	13122	14180	14188	13469
0	3946	4252	4451	4701	5133	5708	6149	6521	6366	6153	5456	5092	5044

Chart 2C

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
00	4890	4470	4890	5980	5910	6810	6490	6840	6220	6490		
30	3760	4890	5130	5130	5910	7150	5640	5380	5640	5130		
10	5680	5580	5680	5680	5850	6540	6540	6540	6360	6190		
00	6700	7960	10910	13130	11280	11650	9060	7960	7300	6700		
20	6120	6120	6120	6120	6120	5860	5860	5860	5860	6120		
40	6840	7180	7740	8640	7850	8080	7290	7070	7520	8410		
00	5500	5050	4600	4160	3840	3940	3940	3740	3550	3740		
10	7740	11500	11000	11500	12100	13300	12700	10500	8410	8070		
00	15400	12200	10100	9120	9120	11100	13600	11800	11100	10600		
80	3380	3320	3540	3540	3950	4410	4570	4070	3760	3590		
20	7430	8070	8550	7830	7430	6520	6300	6220	6520	6600		
00	11400	11400	12500	12500	12500	12100	11900	11500	11300	11300		
00	10100	10600	9900	8940	7940	7590	7140	6690	6510	6690		
50	8450	8000	8200	8350	8000	9400	10500	10200	9000	7460		
00	10500	10400	10300	10500	11000	11300	11500	11300	11000	10200		
10	4250	4280	4620	5330	6500	8200	8500	8300	7640	7300		
40	4970	4970	4800	4900	5780	5760	5740	6000	6440	8450		
20	8100	8670	7650	6790	6430	7140	7870	8290	7430	6730		
00	8900	9490	9590	9360	9300	7970	8070	7840	7630	6620		
30	4300	4090	3728	3387	3212	3296	3292	3357	3493	3743		
40	7470	7660	7490	9450	11390	13460	14960	14020	12050	10430		
091	3701	5092	5900	7547	8193	9086	9314	9990	7615	6699		
45	4422	4966	5569	7697	7647	7167	6552	6124	5937	5984		
003	6490	6946	7273	8021	9470	10433	10516	10353	10215	9956		
535	3694	3728	3664	3246	2931	2893	3152	3518	4078	4608		
725	7155	7138	7674	8104	7287	6587	5830	6050	6402	7250		
265	3935	5425	7240	8120	8815	8870	9270	9976	10412	9160		
092	5045	4455	3962	3538	2938	3222	3601	4610	5280	5760		
44	2124	2476	2907	3094	2821	2761	2548	2741	2873	3123		
930	7786	7050	6760	5857	5666	5365	5140	5220	5640	6000		
001	5863	5023	4796	4214	3991	4071	4313	4525	4919	5103		
734	4200	4305	4219	4865	6872	10092	13778	14531	14795	14870		
221	4380	4232	3978	4641	5988	6929	10105	11480	10460	9717		158,406
107	4235	3966	3860	4207	4109	4013	4434	4832	5308	5506		89,547
400	4141	4781	5185	6194	5909	5666	4546	4786	4674	3349		137,089
833	3070	2981	2784	3070	2662	2521	2502	2601	2746	3367		88,586
664	6338	5443	4868	4325	4181	4438	5337	5997	6088	6507		168,003
663	4220	4186	4820	5649	6315	7220	8267	9084	9592	9602		119,671
058	4144	4688	4838	5446	4520	4964	4277	3896	3826	3677		124,824
063	7305	8311	7747	6145	5407	5092	5495	6314	6208	6221		149,729
70	17980	17140	18345	19790	17200	15155	13250	11980	10965	10250		288,777
10	4022	4497	3958	3501	3206	3345	4635	5336	4678	3803		103,679
70	12825	12541	13191	13278	13122	14180	14188	13469	13329	15202		292,550
33	5708	6149	6521	6366	6153	5456	5092	5044	5579	7046		164,459

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	6810	6190	7150	7510	6490	7880	7510	7150	6810	6190	5640	5640
1896	5640	4890	5640	7280	7880	6490	6810	7151	6490	5910	6190	5910
1897												
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820	4820
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200	14200
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960	11960
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200	11300
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6440	6400	6840
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560	9560
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300	12800
1905	3350	3470	3590	3490	3260	3100	3080	3120	3510	3350	2980	2900
1906	6820	6970	7430	8070	7430	7200	7040	7350	7510	8150	8310	8710
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500	11200
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8130	6870	6340
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000	8200
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000	8990
1911	7120	7250	8020	8950	10500	10800	9830	9170	8830	7820	7650	7500
1912	7460	6960	6500	6500	6500	8610	7650	8610	10200	11200	11700	11600
1913	6070	5560	5050	4900	5200	7010	8770	10400	11500	12100	10600	10000
1914	6420	7440	8370	9300	9440	7970	8100	8720	9330	9780	10200	10100
1915	4026	3604	3305	3116	3020	2941	2888	2903	3069	3551	3871	4160
1916	9870	10380	11260	13100	14670	15500	16550	14530	13280	11290	9740	8360
1917	6439	5992	6708	5333	6606	6891	7786	9186	10671	10755	11090	12180
1918	6404	6947	7554	8322	9307	10178	11352	10905	9536	8102	7368	7050
1919	10210	10145	9533	8796	7968	7060	6307	5859	5806	5888	5897	5900
1920	4861	5043	4909	4768	4652	4792	5152	5739	6612	7537	8093	8750
1921	7261	7755	8759	9742	10600	11249	11120	12239	13496	13910	12702	13000
1922	8640	8540	9646	9720	10743	12962	12916	12990	12080	9860	8642	8470
1923	4940	4692	4062	4192	4641	6060	7289	7961	8434	9077	9186	8100
1924	3457	3764	4485	4706	4688	4063	3378	3124	3235	3411	4042	4390
1925	6882	7686	9083	10064	11062	11068	12270	12925	11784	10735	10790	10810
1926	5503	5871	5214	4970	6116	7094	5564	4564	4196	3898	3368	3280
1927	15725	14530	11952	10368	9499	8677	8294	8783	7954	7425	6951	8010
1928	9185	10829	10087	9251	9512	10998	12685	15575	17606	20710	19273	18790
1929	4913	4434	4491	4685	4542	4042	3683	3457	4030	4447	4426	4570
1930	3765	3864	3970	5467	5180	5134	5104	4739	4383	4140	3757	3970
1931	8609	4058	4391	4662	4620	4414	5082	5434	4546	4100	3851	3721
1932	6135	7136	7732	7851	7794	7823	7929	7696	8252	8880	8748	10569
1933	7346	6420	5583	5035	4940	4732	4513	4667	3593	3581	3498	3460
1934	3647	3545	3342	3220	3233	3363	4191	4610	4774	4241	3763	3629
1935	6680	5978	6059	5657	5686	6321	7003	7070	6537	6514	6833	6491
1936	10227	9873	9967	10642	12065	11988	10497	9402	7753	9294	10046	11808
1937	3906	4075	5213	6310	7190	7705	7409	6848	6518	6490	6350	5891
1938	16732	19286	15909	12980	10968	9465	8459	7776	7517	7516	8239	8808
1939	8413	7872	8022	8056	8050	7733	6970	6422	5977	5674	5809	5719

MAY

9	10	11	12	13	14	15	16	17	18	19	20	21
6810	6190	5640	5640	5640	6490	6810	6810	6490	6190	6190	6490	6810
6490	5910	6190	5910	5380	4890	4890	4890	4670	4490	4280	4280	4100
4480	4820	4820	4820	5510	5510	5680	5590	5590	5000	4820	5000	5000
13500	19000	17200	14200	13500	12800	11500	10200	9800	9060	7600	7300	7300
10400	11400	11960	11960	8510	8510	8780	8780	8510	8240	8510	8240	7980
10300	10700	11200	11300	12000	12200	12200	12700	12700	12400	11500	9980	9530
6840	6400	6400	6840	7740	7740	7070	7070	6840	5950	5500	5160	4830
9560	9560	9560	9560	11000	12700	12700	11500	10000	10000	8870	7110	5710
11800	12300	12300	12800	12800	13200	13600	13600	13600	13900	13900	15000	16400
3510	3350	2980	2900	2710	2580	2610	2650	3300	4600	4740	4710	4670
7510	8150	8310	8710	8710	8470	8390	7430	6440	5920	5700	5700	5700
11900	12100	12500	11200	11100	10100	9700	10300	11100	12500	13400	13300	12200
9030	8130	6870	6340	6170	5740	5580	5340	5100	4860	4860	4700	4400
10200	10200	9000	8200	8000	7630	8200	8600	8400	8200	8600	9300	9600
8450	10200	10000	8990	9890	9730	9250	8610	8130	8130	8130	7650	7330
8830	7820	7650	7560	7880	7840	8980	10200	9650	10100	9380	8830	8610
10200	11200	11700	11600	11400	11700	11900	12100	12700	12900	13700	14300	14500
11500	12100	10600	10000	9490	8470	7920	7380	6980	7810	8500	8370	8240
9330	9780	10200	10100	9920	9280	9440	9440	9600	9600	9280	9440	9600
3069	3551	3871	4165	5107	5486	5334	5239	5033	5678	6227	5729	5468
13280	11290	9740	8368	7362	6601	6220	6100	6260	7084	8419	8397	8717
10671	10755	11090	12189	13773	15296	17848	17555	13816	10629	9104	8562	8308
9536	8102	7368	7053	6522	6344	6834	6187	6405	5535	4700	4942	4969
5806	5888	5897	5904	5743	5583	5640	5977	6460	6663	6713	7383	8583
6612	7537	8093	8757	8847	8650	8600	8868	9245	9623	9375	9031	8581
13496	13910	12702	13006	11835	13156	14742	17174	18739	18115	15158	13165	12974
12080	9860	8642	8478	8107	9843	10561	11636	13057	15220	16450	16220	15936
8434	9077	9186	8109	7270	6800	6536	6497	6502	7160	8271	7573	7923
3235	3411	4042	4398	4866	5179	5011	5100	5142	5186	4675	4490	4074
11784	10735	10790	10810	10635	10765	10945	11500	11900	12500	13500	14350	14350
4196	3898	3368	3284	3119	2976	3106	3160	3417	3436	3625	3665	4404
7954	7425	6951	8019	8591	10096	13172	16588	19289	20061	16261	14384	11536
17606	20710	19273	18790	16751	14770	12847	11587	11522	12200	13145	13409	12700
4030	4447	4426	4578	5389	6215	6318	6482	6431	6411	6696	6424	7067
4383	4140	3757	3970	3495	3382	3772	4247	4169	4856	4552	4844	4902
4546	4100	3851	3721	4151	4646	5265	5201	5228	4870	4208	3632	3266
8252	8880	8748	10569	12444	13580	13569	12341	10987	11458	11607	12051	12114
3593	3581	3498	3460	3372	3373	3814	4758	5068	5745	4621	4861	4866
4774	4241	3763	3629	3467	3378	3209	3135	3173	3354	3343	3178	3048
6537	6514	6833	6491	6011	5706	5358	5307	6201	6411	5944	5763	6039
7753	9294	10046	11808	12951	13995	14946	14675	12418	10608	9822	9807	8582
6518	6490	6350	5891	5731	5755	6329	6530	6276	6467	6706	6535	6045
7517	7516	8239	8808	9209	10208	11343	11734	12691	12971	12173	10396	9033
5977	5674	5809	5719	5320	5334	5218	5272	5551	5486	5468	5275	4987

MAY

	17	18	19	20	21	22	23	24	25	26	27	28	29	
0	6490	6190	6190	6490	6810	6190	5640	5380	5130	6490	7880	6810	5640	
90	4670	4490	4280	4280	4100	4890	7150	11000	12500	14900	14900	19000	19700	23
90	5590	5000	4820	5000	5000	4910	4910	4910	4910	5000	5000	5080	6190	5
00	9800	9060	7600	7300	7300	8320	9060	9800	10900	9800	9060	10300	10500	11
80	8510	8240	8510	8240	7980	7720	7450	7450	7180	7180	6920	6920	6660	6
00	12700	12400	11500	9980	9530	8640	8000	7520	7740	8410	8640	9080	9080	8
70	6840	5950	5500	5160	4830	4720	4600	4480	4720	5500	6400	7520	8190	7
00	10000	10000	8870	7110	5710	5220	4980	4980	5220	5340	6240	6660	6810	7
00	13600	13900	13900	15000	16400	18000	18700	18000	16100	14800	12200	12200	12800	115
50	3300	4600	4740	4710	4670	4100	3990	3670	3360	3430	4700	4380	5360	50
130	6440	5920	5700	5700	5700	5540	5320	5540	5470	7040	6740	6520	6440	60
0300	11100	12500	13400	13300	12200	11700	10900	10700	9900	9600	9220	9120	9120	107
540	5100	4860	4860	4700	4400	4180	3960	3890	4320	4620	4400	4250	4100	42
600	8400	8200	8600	9300	9600	10200	10500	10200	10200	10400	12000	13100	11700	102
610	8130	8130	8130	7650	7330	7170	7650	9090	8930	7970	8130	7650	7330	78
200	9650	10100	9380	8830	8610	9030	9300	9640	9500	9100	8690	8260	7700	875
100	12700	12900	13700	14300	14500	12600	11800	10800	10500	13000	13500	12700	12500	1290
380	6980	7810	8500	8370	8240	8610	9440	11100	12200	12400	12800	13300	12700	1220
440	9600	9600	9280	9440	9600	9600	9920	9760	9600	8640	8160	7680	7490	746
239	5033	5678	6227	5729	5468	5074	5796	5022	4787	4461	4241	4198	4667	452
100	6260	7084	8419	8397	8717	8517	7777	7247	6828	6999	5930	5910	6140	627
555	13816	10629	9104	8562	8308	9284	9928	11175	10899	12114	11333	11495	11952	1158
187	6405	5535	4700	4942	4969	4717	4632	4615	4825	5036	5266	5255	5317	497
577	6460	6663	6713	7383	8583	10072	11107	11444	11323	10110	9820	9536	10170	1158
868	9245	9623	9375	9031	8581	8430	8460	8352	8041	7268	6578	6181	6337	667
7174	18739	18115	15158	13165	12974	12930	12541	12865	13949	15565	16723	15918	15515	1511
1636	13057	15220	16450	16220	15936	15925	13375	13343	16833	18174	14975	11890	10432	1024
6497	6502	7160	8271	7573	7923	8121	7990	8895	10240	11950	10158	7778	6509	620
9100	5142	5186	4675	4490	4074	4020	3888	3711	3338	3312	3040	2876	2505	230
1500	11900	12500	13500	14350	14350	13870	12690	11780	11090	10725	10000	10855	11600	1151
3160	3417	3436	3625	3665	4404	4192	3976	3964	3735	3313	3033	2768	3051	276
6588	19289	20061	16261	14384	11536	9768	8909	7754	7128	7836	8923	9582	8753	804
1587	11522	12200	13145	13409	12700	14513	14995	14810	15145	15957	15944	14976	13632	1257
6482	6431	6411	6696	6424	7067	7767	8604	9196	9574	8661	6911	5882	5099	468
4247	4169	4856	4552	4844	4902	5365	5164	4767	4518	4524	4740	5434	6571	738
5201	5228	4870	4208	3632	3266	3062	2718	2828	3154	3577	3752	3550	3494	327
2341	10987	11458	11607	12051	12114	12710	10955	8933	7079	6384	5838	5841	5783	588
4758	5068	5745	4621	4861	4866	5561	5879	6017	6201	6925	8055	8977	7771	8254
3135	3173	3354	3349	3178	3048	2961	2783	2987	2913	2832	2553	2605	2394	1372
5307	6201	6411	5944	5963	6039	6426	7983	9299	9501	9016	8784	8402	8204	8005
14675	32428	10608	9822	9807	8582	7622	6831	6225	6750	7498	8365	9154	9524	9482
6530	6276	6467	6706	6535	6045	5598	5827	6462	6098	6658	6286	6269	6315	5787
11734	12691	12971	12173	10396	9033	8327	8402	9447	11025	11983	14127	16428	15847	14310
5272	5551	5486	5468	5275	4987	4246	4115	3860	3410	3487	3285	3479	3464	

Chart 2D

21	22	23	24	25	26	27	28	29	30	31	TOTAL
6810	6190	5640	5380	5130	6490	7880	6810	5640	4890	4670	
4100	4890	7150	11000	12500	14900	14900	19000	19700	23700	31200	
5000	4910	4910	4910	4910	5000	5000	5080	6190	5680	5250	
7300	8320	9060	9800	10900	9800	9060	10300	10500	11300	10900	
7980	7720	7450	7450	7180	7180	6920	6920	6660	6660	6390	
9530	8640	8000	7520	7740	8410	8640	9080	9080	8640	8190	
4830	4720	4600	4480	4720	5500	6400	7520	8190	7960	7740	
5710	5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	
16400	18000	18700	18000	16100	14800	12200	12200	12800	11500	11800	
4670	4100	3990	3670	3360	3430	4700	4380	5360	5030	5120	
5700	5540	5320	5540	5470	7040	6740	6520	6440	6070	5920	
12200	11700	10900	10700	9900	9600	9220	9120	9720	10700	11300	
4400	4180	3960	3890	4320	4620	4400	4250	4100	4250	4180	
9600	10200	10500	10200	10200	10400	12000	13100	11700	10200	10200	
7330	7170	7650	9090	8930	7970	8130	7650	7330	7810	8290	
8610	9030	9300	9640	9500	9100	8690	8260	7700	8750	9620	
14500	12600	11800	10800	10500	13000	13500	12700	12500	12900	13100	
8240	8610	9440	11100	12200	12400	12800	13300	12700	12200	11800	
9600	9600	9920	9760	9600	8640	8160	7680	7490	7460	7750	
5468	5074	5796	5022	4787	4461	4241	4198	4667	4521	4537	
8717	8517	7777	7247	6828	6999	5930	5910	6140	6270	6560	
8308	9284	9928	11175	10899	12114	11333	11495	11952	11586	11785	
4969	4717	4632	4615	4825	5036	5266	5255	5317	4972	4676	
8583	10072	11107	11444	11323	10110	9820	9536	10170	11580	11316	
8581	8430	8460	8352	8041	7268	6578	6181	6337	6674	6809	
12974	12930	12541	12865	13949	15565	16723	15918	15515	15115	14000	
15936	13925	13375	13343	16833	18174	14975	11890	10432	10248	10795	
7923	8121	7990	8895	10240	11950	10158	7778	6509	6268	5921	
4074	4020	3888	3711	3338	3312	3040	2876	2505	2306	2130	
14350	13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	
4404	4192	3976	3964	3735	3313	3033	2768	3051	2762	3114	
11536	9768	8909	7754	7128	7836	8923	9582	8753	8044	7795	
12700	14513	14995	14810	15145	15957	15944	14976	13632	12294	10471	426,097
7067	7767	8604	9196	9374	8661	6911	5882	5099	4639	4515	177,709
4902	5565	5164	4767	4518	4524	4740	5434	6571	7559	7289	147,623
3266	3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
12114	12710	10953	8933	7079	6384	5838	5841	5783	5880	5991	282,088
4866	5561	5879	6017	6201	6925	8055	8977	7771	8254	9359	170,805
3048	2961	2783	2987	2913	2832	2553	2605	2394	2372	2394	114,608
6039	6926	7983	9299	9501	9016	8784	8402	8204	8005	8315	214,264
8582	7622	6831	6225	6150	7498	8365	9154	9524	9482	9120	312953
6045	5598	5827	6462	6098	6658	6286	6269	6315	5787	5017	190,596
9033	8327	8402	9447	11025	11983	14127	16428	15847	14345	12313	355,657
4987	4246	4115	3860	3410	3487	3285	3479	3664	4124	4620	170,918

YEAR-	1	2	3	4	5	6	7	8	9	10	11
1895-	4470	4100	3930	3930	4100	3930	4100	3930	3760	390	3430
1896-	27000	27000	32100	29500	27000	24500	24500	25300	23700	2800	22900
1897-						4480	4140	3970	4140	450	4910
1898-	4910	4820	4820	4480	4310	11300	10500	10500	9800	1000	11600
1899-	10200	10500	12800	13900	13900	7850	7450	6920	6920	120	5330
1900-	6120	6120	6660	6920	7180						
1901-	7740	7740	7740	7070	6400	5720	5500	5050	4830	500	4380
1902-	7070	6170	5500	5280	5160	5050	5160	5840	6730	520	7290
1903-	13300	16200	16200	14400	13300	12700	13300	13800	14400	1400	13800
1904-	11800	11800	10400	9440	9440	10100	9770	9770	9600	540	9440
1905-	6070	6260	5890	5380	5180	4940	4860	5360	5360	510	5010
1906-	5700	5470	5620	6070	6140	6440	5700	5700	5470	540	5920
1907-	11700	12200	12200	11900	11100	10900	11300	10700	10300	1000	9700
1908-	4030	3820	3960	4260	4030	3890	3960	4400	4780	500	6260
1909-	11600	13900	15400	15900	16000	16000	14600	13000	11800	1000	9400
1910-	9090	9250	8290	6850	6790	6850	6250	5950	5200	550	5650
1911-	10500	11500	12400	13400	13400	12800	13300	13800	13500	1200	12500
1912-	13200	15500	15700	13600	14000	14400	14800	15300	15600	1500	13900
1913-	11400	11000	10900	10500	9920	9680	9280	9360	9280	720	8160
1914-	8020	8150	8750	8400	7550	6430	5800	5620	4820	510	4200
1915-	5049	5114	4524	4067	3842	3890	3822	3999	4124	345	3630
1916-	6620	6470	6960	8179	9468	10068	10178	10582	11262	1102	10902
1917-	10945	10482	10360	9902	9270	8811	9153	9429	11048	1240	12928
1918-	4749	5176	5636	6558	7487	8777	9016	10176	10760	1157	12061
1919-	10255	7472	6089	5464	5206	5145	5188	5119	4999	486	4265
1920-	6487	5870	5500	4985	4893	5269	6030	6487	7077	714	6868
1921-	14670	14220	14340	14695	15550	15973	17037	17258	17540	1618	16617
1922-	11577	12915	12786	13520	14444	15650	16463	14815	13022	1275	10466
1923-	6042	5198	4530	4716	4888	5297	6345	7213	8065	844	9037
1924-	1935	1858	2013	2026	1969	1634	1948	1302	1670	163	1260
1925-	8853	8046	7281	6584	5910	5445	4939	4668	4456	455	4763
1926-	2718	2626	2718	2576	2514	2497	2566	2340	2403	135	2055
1927-	6947	6653	6693	7545	8288	9452	12595	15620	17584	1575	14750
1928-	8985	8113	7555	6921	6982	7153	6716	6596	6177	503	5541
1929-	4859	4708	4073	4456	4007	3865	4717	5046	5665	839	5492
1930-	6967	4563	4552	4368	4000	3929	4232	5477	6346	883	6399
1931-	3335	3636	3543	3254	2910	2647	2580	2501	2502	161	2134
1932-	5747	5425	5100	5332	6021	8061	7489	6278	5952	154	6787
1933-	11448	12048	12091	12508	11191	9955	10361	9261	9038	1474	11156
1934-	2235	2292	2075	1917	1903	1614	1694	1788	1897	1628	1676
1935-	8859	8727	8204	7712	7596	7983	8495	8603	8779	3648	7399
1936-	9965	9828	8690	7183	7050	6627	7284	8334	7421	6245	5807
1937-	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510
1938-	12041	12283	13053	13791	13719	13699	13906	13723	13000	11393	9451
1939-	4184	3820	3378	3153	2996	2798	2702	2364	2324	2327	2259

JUNE													
8	9	10	11	12	13	14	15	16	17	18	19	20	21
3930	3760	390	3430	3430	3760	3590	3760	3590	3430	3120	2970	3120	3270
25300	23700	2300	22900	22900	29500	35500	32100	32100	32100	31200	30400	27000	27000
3970	4140	450	4910	5170	5510	5690	6020	6020	5100	4530	3900	3900	3740
10500	9800	1000	11600	13900	10200	11300	10500	11300	6020	5850	5850	5680	5680
6920	6920	420	5330	4940	4940	4940	4810	5730	13900	16100	17200	18700	15000
5050	4830	450	4380	4270	3930	3710	3710	3930	4810	4230	4230	4230	4460
5840	6730	520	7290	6840	6510	5950	5280	4380	4380	4600	4930	5280	5500
13800	14400	1400	13800	12700	11500	10500	20000	4380	4160	3940	3940	3740	3550
9770	9600	240	9440	8800	8180	8480	8800	10500	10000	10000	7740	7110	6520
5360	5360	510	5010	4920	5090	4930	4460	10100	10800	10400	10100	8960	8480
5700	5470	540	5920	7430	7990	6900	6740	4000	3990	3650	3110	2930	3120
10700	10300	1000	9700	9320	9320	8850	8130	6600	6600	6000	5620	5400	5320
4400	4780	500	6260	7770	8670	8310	4550	7410	6340	5740	5830	6170	7050
13000	11800	1000	9400	8230	8230	8230	11800	5180	8490	7770	6870	5830	5660
5950	5200	550	5650	5950	5500	5350	5350	13000	12800	12800	12000	11600	9600
13800	13500	1200	12500	14100	15100	14700	15100	5200	5050	4900	4190	4050	4050
15300	15400	1500	13900	13300	14300	13800	12000	6600	6600	6000	5620	5400	5320
9360	9280	870	8160	7600	7360	7120	6580	10500	9410	8770	8610	8950	9600
5620	4820	450	4200	4160	4280	4280	4140	6060	5980	5600	5530	5160	4640
3999	4124	3945	3630	3428	3149	2848	2699	4720	5020	5320	5620	5320	5020
10582	11262	11422	10902	10012	9570	10158	11058	2666	2802	2798	2820	2743	2732
9429	11048	1240	12928	10816	9286	7885	8621	12138	13142	14280	15450	13190	10262
10176	10760	11557	12061	11855	12282	12601	11324	10266	11395	13840	14535	14566	13453
5119	4899	486	4265	3990	3755	3557	3436	9414	7893	7507	7440	7170	6675
6487	7077	7214	6968	6349	6153	6119	6316	3383	3392	3334	3276	3154	3999
17258	17540	14818	16617	17625	16612	15901	13645	6708	6845	6440	5909	5372	5213
14815	13022	12475	10466	10142	10280	11675	16005	11422	8661	7218	7047	7591	7649
7213	8065	8744	9837	10502	9524	7543	5722	12185	11735	11621	11721	11290	11142
1302	1670	1463	1260	1293	1160	1265	1703	7972	5150	4877	5162	5152	5247
4668	4456	4555	4763	4857	4997	5108	6234	1194	1061	1009	944	998	989
2340	2403	2135	2055	1939	1807	1670	1581	5415	5470	5210	6540	6391	7203
15620	17584	15675	14750	16150	16294	15869	15374	1482	1379	1343	1274	1426	1364
6596	6177	5303	5541	5158	4911	4695	4404	14561	13880	12861	12882	13360	12600
5046	5665	5839	5492	5578	5359	5535	5797	4352	4304	3931	3857	3787	3733
5477	6346	6983	6399	6649	6288	5715	4867	6342	7305	6062	4896	4273	3946
2501	2502	2161	2134	2028	1619	1750	1578	4237	4229	4593	4238	3786	3579
6278	5952	6154	6787	7159	8423	8638	9594	1506	1531	1507	1428	1323	1261
9261	9038	11474	11156	11117	11423	12035	12093	11250	10637	9648	8333	8291	8168
1788	1897	1628	1676	1636	1635	1578	1526	12214	11586	9977	8216	7127	6552
8603	8779	8648	7399	7437	7305	6893	6609	1430	1350	1263	1172	1064	1047
8334	7421	6245	5807	5408	5523	5579	5326	5901	5174	4585	4679	4618	4706
3159	3329	3796	3510	3291	2979	2708	2697	5307	4841	4555	4223	4012	3679
13723	13000	11393	9451	8936	9236	9148	8857	2762	2797	2776	2610	2539	2401
2364	2324	2327	2259	2226	2131	2218	2211	8741	8587	8585	7465	6637	6461
								2269	2305	2220	2001	1968	1874

JUNE

	17	18	19	20	21	22	23	24	25	26	27	28	29	
0	3450	3120	2970	3120	3270	3590	4100	4100	4100	4100	3930	3930	3930	3
0	32100	31200	30400	27000	27000	22900	19000	15500	14300	14300	27000	11500	9520	9
0	5100	4530	3900	3900	3740	3900	4530	3740	3600	3600	3740	3600	3460	34
0	6020	5850	5850	5680	5680	5680	5680	5510	5170	4850	4650	3970	3800	34
0	12900	16100	17200	18700	15000	11300	10800	12000	12000	11300	10500	11300	12200	113
0	4810	4230	4230	4230	4460	4340	3910	3710	3520	3330	2980	2810	2480	23
0	4380	4600	4930	5280	5500	5280	4830	4380	3710	3060	2880	2720	2680	30
0	4160	3940	3940	3740	3550	3550	3550	3740	3550	3190	3030	2730	2660	25
0	10000	10000	7740	7110	6520	6240	6240	5460	5220	5220	5100	4980	4980	45
0	10800	10400	10100	8960	8480	8180	7680	6500	6010	5540	5540	5540	5770	57
0	3990	3650	3170	2930	3120	2990	2930	2880	2880	2770	2670	2560	2390	22
0	6600	6000	5620	5400	5320	5180	5040	4760	4760	4900	5040	5920	5040	44
10	6340	5740	5830	6170	7050	7770	7220	6510	6510	7770	7950	8670	9500	922
80	8490	7770	6870	5830	5660	4860	4400	4250	4180	5020	5830	5420	5100	534
00	12800	12800	12000	11600	9600	9200	8230	8040	7860	7500	7050	7680	7680	768
00	5050	4900	4190	4050	4050	3840	3490	3360	3360	3360	3360	3360	3230	310
00	14400	13500	14000	13900	13100	12500	12300	11200	9500	8750	8150	9160	8400	797
00	9410	8770	8610	8950	9600	9300	8990	9170	8710	8560	8260	7150	6400	610
60	5980	5600	5530	5160	4640	4500	4640	4640	4360	3940	3660	4080	3660	340
720	5020	5320	5620	5320	5020	4720	4140	3870	3730	3640	3540	3450	3360	3270
666	2802	2798	2820	2743	2732	2609	2598	2578	2635	2581	2339	2045	1955	1920
138	13142	14280	15450	13190	10262	8651	7470	7140	7652	8584	9314	9784	9420	7794
266	11395	13840	14535	14566	13453	12962	11684	10581	10248	9269	9101	9485	9517	8933
414	7893	7507	7440	7170	6675	6964	6615	6750	5485	4699	4072	3663	3394	3524
583	3392	3334	3276	3154	3999	2937	2871	2719	2621	2430	2319	2248	2150	2078
708	6845	6440	5909	5372	5213	5177	5181	5128	4799	4317	3859	3534	3342	3465
422	8661	7218	7047	7591	7649	8270	8770	9205	9133	8310	6694	6628	7439	6826
185	11735	11621	11721	11290	11142	10158	8827	7840	6940	6928	6536	6080	5557	5137
972	5150	4877	5162	5152	5247	6730	6020	5878	5423	4917	5132	5037	5765	6268
194	1061	1009	944	998	989	984	976	971	925	979	913	848	844	872
415	5470	5210	6540	6591	7203	8280	8590	8012	7286	6438	6298	5927	5747	5902
482	1379	1343	1274	1426	1364	1350	1304	1192	1123	1049	1099	1040	1031	938
561	13880	12861	12882	13360	12600	12002	11701	11590	11419	11187	13798	9724	8546	7506
4352	4304	3931	3857	3787	3733	3868	3825	3952	4065	4037	4027	3394	3358	3328
6342	7305	6062	4896	4275	3946	4095	4135	4073	3962	3956	4005	3839	3784	3699
4237	4229	4593	4238	3786	3579	3310	3101	2872	2987	2604	2442	2394	2357	1341
1566	1831	1807	1428	1323	1261	1205	1185	1133	1108	1016	890	722	687	782
1250	10637	9468	8333	8291	8168	7948	9118	9447	8649	8662	7123	7040	6345	6073
2214	17586	9977	8216	7127	6552	6375	5944	6374	5249	4887	4088	4345	4269	3797
1430	1350	1263	1172	1064	1047	1056	1023	959	870	839	930	1017	1037	746
5901	5174	4583	4679	4618	4706	4385	4288	4283	3743	3480	3281	3130	3057	3078
5307	4842	4555	4223	4012	3679	3637	3379	3178	3153	2967	2866	2489	2357	2112
2762	2797	2776	2610	2537	2601	2822	2965	2580	2294	2115	1911	1769	1838	1648
8741	8587	8585	7465	6657	6267	6787	6962	6537	6114	6286	6412	6067	5992	5774
2249	2305	2220	2001	1968	1876	1821	1683	1640	1637	1643	1546	1417	1398	1422

Chart 28

21	22	23	24	25	26	27	28	29	30	31	TOTAL
3270	3590	4100	4100	4100	4100	3930	3930	3930	3760		
7000	22900	19000	15500	14300	14300	27000	11500	9520	9520		
3740	3900	4530	3740	3600	3600	3740	3600	3460	3460		
5680	5680	5680	5510	5170	4850	4650	3970	3800	3460		
8000	11300	10800	12000	12000	11300	10500	11300	12200	11300		
4460	4340	3910	3710	3520	3330	2980	2810	2480	2350		
5500	5280	4830	4380	3710	3060	2880	2720	2880	3060		
3550	3650	3550	3740	3550	3190	3030	2730	2660	2520		
6520	6240	6240	5460	5220	5220	5100	4980	4980	4530		
8480	8180	7680	6500	6010	5540	5540	5540	5770	5770		
3120	2990	2930	2880	2880	2770	2670	2560	2390	2240		
5320	5180	5040	4760	4760	4900	5040	5920	5040	4480		
7050	7770	7220	6510	6510	7770	7950	8670	9500	9220		
5660	4860	4400	4250	4180	5020	5830	5420	5100	5340		
9600	9200	8230	8040	7860	7500	7050	7680	7680	7680		
4050	3840	3490	3360	3360	3360	3360	3360	3230	3100		
13100	12500	12300	11200	9500	8750	8150	9160	8400	7970		
9600	9300	8990	9170	8710	8560	8260	7150	6400	6100		
4640	4500	4640	4640	4360	3940	3660	4080	3660	3400		
5020	4720	4140	3870	3730	3640	3540	3450	3360	3270		
2732	2609	2598	2578	2635	2581	2339	2045	1955	1920		
10262	8651	7470	7140	7652	8584	9314	9784	9420	7796		
13453	12962	11684	10581	10248	9269	9101	9485	9517	8933		
6675	6964	6615	6750	5485	4699	4072	3663	3394	3524		
3999	2937	2871	2719	2621	2430	2319	2248	2150	2078		
5213	5177	5181	5128	4799	4317	3859	3554	3362	3465		
7649	8270	8770	9205	9133	8510	6694	6628	7439	6826		
11142	10158	8827	7840	6940	6928	6536	6080	5557	5137		
5247	6730	6020	5878	5423	4917	5132	5037	5765	6268		
989	984	976	971	925	979	913	848	844	872		
7203	8280	8590	8012	7286	6458	6298	5927	5747	5902		
1364	1350	1304	1192	1123	1049	1099	1040	1031	935		
12600	12002	11701	11590	11419	11187	13198	9724	8546	7506		152,828
3733	3868	3825	3952	4065	4037	4027	3594	3358	3328		142,948
3946	4095	4135	4073	3962	3936	4005	3839	3784	3609		128,691
3579	3310	3101	2872	2987	2604	2442	2394	2359	2241		55,431
1261	1205	1185	1133	1108	1016	898	722	687	742		229,112
8168	7948	9118	9447	8649	8662	7123	7040	6545	6073		269,099
6552	6375	5944	6374	5249	4887	4988	4345	4269	3797		43,120
1047	1056	1023	959	870	839	930	1017	1037	969		181,631
4706	4385	4288	4283	3743	3480	3281	3130	3051	3078		159,642
3679	3637	3379	3170	3153	2967	2866	2489	2357	2111		89,498
2601	2822	2965	2580	2294	2115	1911	1769	1838	1648		279,069
6267	6787	6962	6537	6114	6286	6412	6067	5992	5774		67,941
1876	1821	1683	1640	1637	1643	1546	1417	1398	1429		

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120	3120
1896	9080	11500	12500	12500	11500	11000	10500	9980	9080	8660	8260	8260
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2290	2360	2350
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430	2600
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300	7000
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520	1520
1901	2880	2880	2880	2800	2430	2300	2300	2300	2180	2180	2070	1970
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950	2000
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400	2260
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720	3370
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430	1350
1906	4130	4270	4480	4550	4340	4200	4060	3860	3670	3420	3240	3180
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510	6260
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960	3560
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720	3650
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980	1880
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950	3820
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970	2970
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420	2200
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340	2160
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666	1582
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069	5816
1917	8343	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125	4666
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1968	1934	2086
1919	1934	1869	1728	1626	1537	1460	1448	1411	1384	1334	1272	1218
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047	1998
1921	5928	5285	4216	4406	3896	3750	3922	3772	3731	3650	3313	3645
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512	2506
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246	3702
1924	789	695	686	684	675	629	650	615	615	563	554	590
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536	2674
1926	944	927	880	861	826	812	800	780	824	819	841	774
1927	7214	6826	6685	6340	5880	4949	5104	5014	4905	4723	4366	4377
1928	2922	3023	2928	2683	2796	2729	2403	2319	2309	2102	2098	2084
1929	3459	3250	2814	2599	2363	2282	2149	2042	1917	1860	1793	1686
1930	2096	1895	1887	1913	1846	1799	1709	1599	1490	1414	1403	1429
1931	750	780	726	704	655	637	634	635	632	651	646	645
1932	5403	5232	4606	3919	3729	3321	2775	2850	2956	2703	2467	2595
1933	3548	2842	2789	2615	2584	2423	2312	2142	2093	2005	1803	1648
1934	914	878	858	823	780	765	728	737	714	675	684	639
1935	2696	2493	2479	2280	2287	2144	2301	2041	1898	1746	1630	1669
1936	2004	1849	1680	1686	1614	1638	1552	1528	1379	1493	1522	1550
1937	1701	1497	1437	1252	1358	1258	1244	1248	1218	1200	1109	1039
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606	3538
1939	1347	1354	1301	1285	1388	1464	1389	1329	1264	1131	1072	1056

JULY

10	11	12	13	14	15	16	17	18	19	20	21	22	23
3270	3120	3120	3120	3120	3120	3120	2830	1870	1870	1770	1680	1680	1570
8660	8260	8260	7510	7150	6490	5910	4890	4470	4100	3120	2560	1870	2560
2290	2360	2350	2290	2290	2290	2160	2160	2290	2160	1900	1840	1640	1980
2600	2430	2600	2260	2260	2090	1920	1750	1660	1580	1490	1400	1320	1230
7600	7300	7000	6700	6120	5580	5060	4820	4580	4480	4160	4160	3760	3560
1520	1520	1520	1460	1410	1270	1270	1230	1190	1160	1100	1080	1080	1050
2180	2070	1970	1970	1870	1780	1780	1690	1640	1600	1600	1540	1510	1560
1950	1950	2000	2060	1950	1900	1850	1800	1700	1700	1610	1520	1350	1190
2400	2400	2260	2400	2330	2260	2400	2470	2400	2010	1950	2010	2130	2010
4090	3720	3370	3210	3050	2900	2670	2500	2500	2440	2380	2380	2380	2440
1470	1430	1350	1270	1210	1170	1140	1070	1030	1010	990	970	950	930
3420	3240	3180	2950	2780	2510	2350	2200	2060	1950	1780	1660	1590	1660
6870	6510	6260	6260	5420	5100	4700	4480	4250	4250	4320	4100	3950	3810
4100	3960	3560	3430	3690	3960	3070	2470	2420	2320	2170	2120	2030	2030
3910	3720	3650	3410	3170	3050	2930	2810	2590	2540	2370	2200	2150	2050
2050	1980	1880	1830	1780	1730	1680	1380	1550	1550	1420	1420	1420	1420
4370	3950	3820	3680	3540	3540	3480	3280	3150	2960	2710	2590	2420	2420
5100	2970	2970	2840	2840	2720	2600	2480	2480	2480	2250	2250	2030	2030
2650	2420	2200	2100	1990	1890	1800	1710	1710	1620	1710	1620	1620	1620
2200	2340	2160	1980	2010	1840	1780	1710	1620	1540	1550	1810	1650	1650
2001	1666	1582	1539	1570	1370	1162	1228	1197	1111	1102	1041	1007	1007
6736	6069	5816	5584	5211	4830	4471	4661	4001	3584	3258	3110	2894	2894
5838	5125	4666	4380	3940	3492	3222	3052	2971	2744	2579	2380	2210	2210
1968	1934	2086	1858	1735	1698	1819	1718	1480	1719	1651	1566	1585	1585
1334	1272	1218	1122	1094	1119	1087	1047	940	914	863	888	835	835
2167	2047	1998	1990	1889	1752	1589	1537	1431	1424	1360	1333	1270	1270
3650	3313	3645	2956	2907	2538	2870	2392	2293	2277	2086	1840	2042	2042
2656	2512	2506	2385	2241	2007	2334	1919	1936	1861	1838	1891	1776	1776
3472	3246	3702	3204	3249	3091	2602	2790	2609	2362	2191	2148	2125	2125
563	554	590	587	580	561	540	523	522	531	544	544	544	544
2639	2536	2674	2361	2203	2092	2054	1884	1917	1803	1793	1619	1735	1735
829	841	774	739	672	681	646	689	638	639	600	542	497	497
4723	4366	4377	4170	3847	3643	3553	3168	3209	2923	2887	2756	2365	2365
2102	2098	2084	1874	1920	1875	1856	1845	1733	1627	1567	1475	1455	1455
1860	1793	1686	1602	1480	1415	1354	1355	1252	1221	1092	1078	1060	1060
1414	1403	1429	1356	1355	1261	1219	1199	1139	1084	987	965	987	987
631	646	645	618	603	595	598	576	555	552	516	496	496	496
2703	2467	2595	2242	2710	2887	2349	1977	2035	1902	2203	1820	1770	1770
2005	1803	1648	1548	1427	1415	1299	1253	1270	1209	1113	1059	1059	1059
675	684	639	558	528	513	554	560	552	563	524	512	512	512
1746	1630	1669	1715	1652	1548	1480	1436	1378	1245	1214	1149	1149	1149
1493	1522	1550	1544	1481	1344	1263	1224	1216	1173	1144	1092	1092	1092
1200	1109	1039	964	897	849	863	855	923	858	861	801	801	801
3947	3606	3538	3017	3060	2911	2940	2934	2684	2491	2264	2223	2009	2009
1131	1072	1056	1033	973	946	909	869	854	831	793	772	770	770

18	19	20	21	22	23	24	25	26	27	28	29	30	31
1870	1870	1770	1680	1680	1510	1430	1350	1350	1350	1280	1350	1350	1280
4470	4100	3120	2560	1870	2560	3120	3120	2310	2080	1870	2310	2310	2190
2290	2160	1900	1840	1640	1980	1840	1770	1640	1640	1580	1510	1380	1440
1660	1580	1490	1400	1320	1230	1150	1060	978	892	892	892	978	892
4580	4480	4160	4160	3760	3560	2980	2980	2780	2580	2580	2390	2490	2390
1190	1160	1100	1080	1080	1050	1050	1120	1120	1050	1050	990	978	960
1640	1600	1600	1540	1510	1560	1600	1560	1510	1350	1200	1130	1080	1060
1700	1700	1610	1520	1350	1190	1190	1190	1126	1120	1120	1120	1120	1040
2400	2010	1950	2010	2130	2010	1900	1900	1780	1780	1570	1470	1380	1330
2500	2440	2380	2380	2380	2440	2260	2140	1920	1810	1810	1810	1700	1600
1030	1010	990	970	950	930	880	860	840	820	820	810	780	750
2060	1950	1780	1660	1590	1660	1740	1410	1370	1310	1300	1260	1240	1200
4250	4250	4320	4100	3950	3810	3600	3460	3270	3200	3340	3270	3020	2840
2420	2320	2170	2120	2030	2030	1850	1810	1690	1580	1540	1470	1440	1330
2590	2540	2370	2200	2150	2050	1970	1870	1820	1970	2080	1820	1680	1500
1550	1550	1420	1420	1420	1340	1300	1260	1230	1160	1160	1130	1100	1070
3150	2960	2710	2590	2420	2300	2190	2080	2020	1970	1860	1760	1720	1670
2480	2480	2250	2250	2030	2030	1830	1830	1640	1640	1550	1460	1330	1930
1710	1620	1710	1620	1620	1620	2310	3940	3800	3400	3140	2680	2420	2200
1620	1540	1550	1810	1630	1470	1470	1395	1320	1250	1250	1270	1210	1210
1197	1111	1102	1041	1007	960	929	892	871	870	845	831	813	849
4001	3584	3258	3110	2894	2704	2591	2465	2424	2274	2162	2050	1944	1869
2971	2744	2579	2380	2210	2055	2047	1881	1789	1743	1716	1640	1574	1514
1480	1719	1651	1566	1385	1272	1111	1283	1265	1192	1118	1054	1241	1327
940	914	863	888	835	770	762	747	746	729	747	741	743	753
1431	1424	1360	1333	1270	1243	1180	1119	1109	1116	1140	1042	1046	962
2293	2277	2086	1840	2042	1872	1694	1812	1677	1600	1436	1345	1389	1354
1936	1861	1838	1891	1776	1739	1662	1599	1575	1450	1421	1442	1370	1347
2609	2362	2191	2148	2125	1893	1950	2277	1986	1790	1772	1538	1484	1462
522	531	544	544	544	544	544	544	520	500	470	450	430	425
1917	1803	1793	1619	1735	2095	1675	1532	1380	1410	1433	1233	1350	1258
638	639	600	542	497	494	493	485	465	459	442	429	429	429
3209	2923	2887	2756	2365	2375	2078	2232	1979	2061	1834	1808	1930	1649
1733	1627	1567	1475	1455	1421	1390	1300	1244	1243	1236	1222	1223	1144
1252	1221	1092	1078	1060	981	987	949	923	875	845	846	811	804
1139	1084	987	965	989	950	928	888	841	855	823	822	774	722
555	552	516	496	455	450	435	423	418	405	406	389	384	404
2035	1902	2203	1820	1761	1717	1618	1507	1404	1412	1324	1324	1243	1152
1270	1209	1113	1059	1017	1018	996	985	945	913	888	886	881	879
552	563	524	512	463	496	478	461	440	421	413	427	427	441
1378	1245	1214	1149	1144	1103	1073	1021	993	1015	988	960	943	946
1216	1173	1144	1092	1113	1103	1098	1100	1076	1068	1062	966	880	837
923	858	861	801	781	779	732	729	710	705	683	640	622	597
2684	2491	2264	2223	2109	1931	1925	1773	1805	1736	1646	1725	1697	1484
854	831	793	772	770	771	795	778	690	669	648	670	659	630

Chart 2F

22	23	24	25	26	27	28	29	30	31	TOTAL
1680	1510	1430	1350	1350	1350	1280	1550	1350	1280	
1870	2560	3120	3120	2310	2080	1870	2310	2310	2190	
1640	1980	1840	1770	1640	1640	1580	1510	1380	1440	
1320	1230	1150	1060	978	892	892	892	978	892	
3760	3560	2980	2980	2780	2580	2580	2390	2490	2390	
1080	1050	1050	1120	1120	1050	1050	990	978	960	
1510	1560	1600	1560	1510	1350	1200	1130	1080	1060	
1350	1190	1190	1190	1126	1120	1120	1120	1120	1040	
2130	2010	1900	1900	1780	1780	1570	1470	1380	1330	
2380	2440	2260	2140	1920	1810	1810	1810	1700	1600	
950	930	880	860	840	820	820	810	780	750	
1590	1660	1740	1410	1370	1310	1300	1260	1240	1200	
3950	3810	3600	3460	3270	3200	3340	3270	3020	2840	
2030	2030	1850	1810	1690	1580	1540	1470	1440	1330	
2150	2050	1970	1870	1820	1970	2080	1820	1680	1500	
1420	1340	1300	1260	1230	1160	1160	1130	1100	1070	
2420	2300	2190	2080	2020	1970	1860	1760	1720	1670	
2030	2030	1830	1830	1640	1640	1550	1460	1430	1930	
1620	1620	2310	3940	3800	3400	3140	2650	2420	2200	
1630	1470	1470	1395	1320	1250	1250	1270	1210	1210	
1007	960	929	892	871	870	845	831	813	849	
2894	2704	2591	2465	2424	2274	2162	2050	1944	1869	
2210	2055	2047	1881	1789	1743	1716	1640	1574	1514	
1585	1272	1111	1283	1265	1192	1118	1054	1241	1327	
835	770	762	747	746	729	747	741	743	753	
1270	1243	1180	1119	1109	1116	1140	1042	1046	962	
2042	1872	1694	1812	1677	1600	1436	1345	1389	1354	
1776	1739	1662	1599	1575	1450	1421	1442	1370	1347	
2125	1893	1950	2277	1986	1790	1772	1538	1484	1462	
544	544	544	544	520	500	470	450	430	425	
1735	2095	1675	1532	1380	1410	1433	1233	1350	1258	
497	494	493	485	465	459	442	429	429	429	
2365	2375	2078	2232	1979	2061	1834	1808	1930	1649	
1455	1421	1390	1300	1244	1243	1236	1222	1223	1144	
1060	981	987	949	923	875	845	846	811	804	49,144
989	950	928	888	841	855	823	822	774	722	39,617
455	450	435	423	418	405	406	389	384	406	17,335
1761	1717	1618	1507	1404	1412	1324	1328	1243	1152	71,149
1017	1028	996	985	945	913	888	886	881	879	49,805
463	496	478	461	440	421	413	427	427	441	18,626
1144	1103	1073	1021	993	1015	988	960	943	946	48,667
1113	1103	1098	1100	1076	1068	1062	966	880	837	41,279
781	779	732	729	710	705	683	640	622	597	30,410
2109	1931	1925	1773	1805	1736	1646	1725	1697	1484	100,383
770	771	795	778	690	669	648	670	659	630	30,440

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	1280	1210	1210	1210	1210	1140	1140	1140	1070	1070	1070	1070
1896	2190	1870	2190	1770	1680	1680	1590	1590	1590	1510	1510	1350
1897	1380	1380	1250	1320	1320	1320	1320	1250	1250	1180	1180	1180
1898	992	1060	892	892	892	892	892	892	892	892	892	806
1899	2390	2060	2060	2060	2060	2060	2200	2390	2390	2060	1940	1940
1900	930	920	905	905	895	905	895	895	895	830	822	855
1901	1060	1060	1060	1050	1010	955	860	758	758	758	800	830
1902	1040	970	900	900	830	900	900	830	527	575	635	830
1903	1240	1200	1110	1070	1280	865	905	828	828	828	828	828
1904	1560	1500	1500	1500	1450	1600	1550	1660	1660	1160	1160	1120
1905	820	760	760	760	760	760	700	675	650	650	650	650
1906	1160	1110	1160	1160	960	920	920	880	845	810	780	750
1907	2670	2500	2450	2340	2140	2040	1940	1900	1800	1760	1720	1640
1908	1330	1400	1160	1330	1160	1190	1220	1160	1190	980	990	1050
1909	1590	1500	1410	1320	1310	1270	1230	1190	1190	1190	1110	1070
1910	1070	1040	1020	990	990	990	965	965	940	940	915	890
1911	1580	1640	1540	1500	1460	1410	1340	1370	1340	1300	1260	1260
1912	2360	2250	2030	2030	1830	1640	1550	1460	1460	1380	1300	1300
1913	1990	1890	1800	1710	1710	1800	1710	1620	1620	1540	1460	1380
1914	1210	1210	1140	1280	1210	1140	1140	1070	1000	1000	1000	1000
1915	939	897	840	791	762	748	747	729	707	693	679	679
1916	1807	1734	1667	1620	1568	1512	1463	1423	1391	1368	1322	1294
1917	1464	1400	1363	1371	1302	1273	1238	1203	1150	1096	1066	1035
1918	994	1055	1032	1121	1073	846	851	901	893	958	916	830
1919	740	678	642	607	607	627	643	649	666	628	613	628
1920	924	882	831	767	713	702	782	740	765	693	693	645
1921	1388	1332	1387	1280	1111	1226	1195	1289	1231	1285	1257	1328
1922	1349	1373	1328	1420	1572	1481	1330	1250	1070	1104	1129	1074
1923	1490	1290	1417	1278	1177	1097	1273	1407	1117	985	1221	118
1924	427	439	404	408	404	404	407	385	410	379	384	39
1925	1118	1146	1078	1167	1157	1061	1006	1093	1058	934	951	98
1926	481	457	434	443	419	429	435	439	477	505	511	50
1927	1622	1601	1515	1461	1422	1425	1364	1314	1238	1179	1180	116
1928	1106	1109	1099	1085	1061	1021	1042	1045	1057	982	885	79
1929	796	818	837	808	778	695	711	628	616	582	632	63
1930	686	654	648	669	687	681	717	682	707	714	819	92
1931	439	478	459	458	426	405	385	375	365	355	355	35
1932	1146	1124	1120	1061	1020	974	1006	968	943	891	918	9
1933	870	864	861	849	845	800	720	690	686	727	698	6
1934	442	448	456	435	434	420	409	359	335	325	315	35
1935	909	871	848	822	828	807	754	745	699	666	655	6
1936	812	826	853	844	800	758	712	682	645	644	669	7
1937	564	528	532	481	486	471	472	449	482	486	468	4
1938	1539	1425	1352	1359	1346	1361	1327	1259	1208	1165	1112	11
1939	643	635	613	582	580	516	515	507	481	511	479	4

AUGUST

10	11	12	13	14	15	16	17	18	19	20	21	22	23
070	1070	1070	1070	1070	1070	1010	1010	950	950	950	950	890	890
510	1510	1350	1280	1210	1210	1210	1210	1070	1070	1010	1010	950	1010
180	1180	1180	1120	1120	1120	1060	990	990	925	925	860	795	860
892	892	806	806	806	721	721	550	550	721	721	721	721	550
060	1940	1940	1760	1700	1700	1700	1700	1580	1520	1580	1700	1820	1820
830	822	855	870	880	845	830	845	830	822	830	822	822	855
758	800	830	818	830	800	830	818	800	800	818	830	830	800
575	635	830	865	879	886	865	830	830	830	795	795	774	760
828	828	828	790	790	790	768	828	752	752	715	715	715	715
160	1160	1120	1120	1120	1100	1070	1100	1070	1100	1070	1160	1160	1160
650	650	650	650	625	625	625	625	625	625	600	600	580	580
810	780	750	810	840	810	750	750	725	675	700	700	750	845
1760	1720	1640	1600	1520	1480	1440	1400	1360	1320	1320	1280	1210	1280
960	990	1050	930	960	1220	1050	1080	990	990	960	990	990	1020
1190	1110	1070	1030	1000	960	930	950	920	920	950	850	820	790
940	915	890	890	890	890	890	890	890	870	850	850	850	830
1300	1260	1260	1200	1200	1160	1130	1130	1100	1100	1100	1070	1070	1070
1380	1300	1300	1300	1230	1230	1230	1160	1160	1160	1160	1160	1100	1040
1540	1460	1380	1380	1310	1310	1310	1230	1160	1160	1160	1160	1020	1020
1000	1000	1000	937	937	937	873	873	873	873	873	873	812	812
693	679	679	651	640	636	640	618	577	582	588	582	578	579
1368	1322	1294	1264	1239	1207	1198	1251	1277	1390	1287	1234	1187	1138
1096	1066	1036	1008	997	971	969	1010	1093	1076	1007	967	925	905
958	916	830	814	895	875	964	1064	1021	981	893	820	700	809
628	613	628	670	667	624	621	585	593	563	556	546	537	543
693	693	645	621	578	553	571	579	595	558	526	480	504	553
1285	1257	1328	1109	1069	1074	996	975	998	928	802	906	762	879
1104	1129	1074	1003	980	989	926	961	943	987	935	910	883	862
985	1221	1182	1091	1055	854	1103	1030	898	829	1027	1612	1212	1070
379	384	392	386	366	376	376	370	370	370	413	461	431	415
934	951	982	1177	1208	1278	1096	1073	974	1004	1023	908	901	817
505	511	509	516	509	496	479	465	460	528	642	674	644	570
1179	1180	1166	1197	1234	1336	1420	1381	1326	1278	1217	1165	1068	1058
982	885	796	793	773	784	782	768	740	744	751	727	739	694
582	632	638	601	564	522	501	479	446	488	503	506	532	517
714	819	925	922	929	893	904	802	771	745	733	730	700	597
355	355	355	360	360	360	360	360	360	360	360	360	360	360
891	918	905	898	835	846	827	778	769	719	683	621	626	534
727	698	670	606	576	566	577	602	583	576	539	517	490	523
325	315	352	367	385	393	380	380	372	356	357	356	343	342
666	655	627	594	568	568	561	553	571	590	579	581	571	541
644	669	758	811	855	910	878	768	706	630	570	593	593	595
486	468	460	437	385	365	350	346	359	383	375	358	350	333
1165	1112	1122	1086	1056	1065	1086	1091	1065	1041	1011	1010	1046	1044
511	479	493	499	502	493	466	416	380	394	364	353	365	376

19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	950	950	890	890	890	890	890	890	250	890	890	890	
1070	1010	1010	950	1010	1010	950	1010	950	1010	1010	1070	1210	
925	925	860	795	860	860	860	990	990	990	990	990	860	
721	721	721	721	550	550	550	550	550	550	550	636	560	
1520	1580	1700	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100	
822	850	822	822	855	880	905	870	855	855	822	830	830	
800	818	850	830	800	800	740	770	740	786	770	800	770	
850	795	795	774	760	760	750	728	728	728	695	695	708	
752	715	715	715	715	715	715	752	730	865	905	828	790	
1100	1070	1160	1160	1160	840	840	750	682	682	682	930	930	
625	600	600	580	580	580	580	580	580	580	560	560	560	
675	700	700	750	845	920	880	780	780	725	780	780	750	
1320	1320	1280	1210	1280	1320	1400	1400	1400	1400	1320	1240	1210	
990	960	990	990	1020	990	900	900	870	870	870	870	870	
920	950	850	820	790	790	820	760	730	705	780	910	850	
870	860	850	850	830	830	830	830	850	830	850	830	850	
1100	1100	1070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	
1160	1160	1160	1100	1040	1040	1040	1040	1040	1040	990	990	990	
1160	1160	1160	1020	1020	1020	1020	1020	1020	1020	956	956	956	
873	875	873	812	812	806	800	794	788	782	776	776	776	
582	588	582	578	579	598	620	595	591	569	534	536	538	
1590	1287	1234	1187	1138	1081	1055	1021	1002	1000	983	1052	1016	
1076	1007	967	925	905	881	849	831	874	862	827	809	790	
981	893	820	700	809	925	848	850	807	817	879	930	784	
565	556	546	537	543	522	494	492	482	484	490	502	505	
568	526	480	504	553	624	620	592	604	632	657	670	639	
928	802	906	762	879	619	748	831	780	747	551	687	683	
987	935	910	883	862	827	804	825	846	836	854	867	887	
829	1027	1612	1212	1070	1135	684	1051	892	884	815	779	821	
370	413	461	431	415	401	387	374	365	361	386	381	381	
1004	1023	908	901	817	802	874	754	750	664	821	735	755	
628	642	674	644	570	514	503	498	494	483	459	470	488	
1278	1217	1165	1068	1055	980	965	908	918	903	855	844	856	
744	751	727	739	694	674	671	614	634	623	639	648	645	
488	503	506	532	517	511	496	486	515	524	538	556	587	18,411
745	733	730	700	597	567	546	517	498	519	536	566	564	21,628
360	360	360	360	349	349	347	345	340	353	353	347	340	11,878
719	683	621	626	656	700	718	687	675	676	719	784	814	26,108
576	539	517	490	523	540	553	545	585	625	636	605	617	20,141
356	357	356	343	342	350	350	350	357	350	350	360	383	11,371
590	579	581	571	543	508	486	483	478	484	515	520	517	19,513
630	570	593	593	595	604	605	603	605	592	572	547	576	23,626
303	375	358	350	333	336	337	344	375	425	408	426	427	12,998
1041	1011	1010	1046	1044	1048	1036	1039	1005	984	952	947	898	35,079
394	364	353	365	378	370	378	361	385	387	399	431	424	14,320

CHART 20

	22	23	24	25	26	27	28	29	30	31	TOTAL
0	890	890	890	890	890	890	950	890	890	890	
0	950	1010	1010	950	1010	950	1010	1010	1070	1210	
10	795	860	860	860	990	990	990	990	990	860	
11	721	550	550	550	550	550	550	550	636	550	
10	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100	
22	822	855	880	905	870	855	855	822	830	830	
30	830	800	800	740	770	740	788	770	800	770	
35	774	760	760	750	728	728	728	695	695	708	
15	715	715	715	715	752	790	865	905	828	790	
60	1160	1160	840	840	750	682	682	682	930	930	
00	580	580	580	580	580	580	580	560	560	560	
00	750	845	920	880	780	780	725	780	780	750	
80	1210	1280	1320	1400	1400	1400	1400	1320	1240	1210	
90	990	1020	990	900	900	870	870	870	870	870	
50	820	790	790	820	760	730	705	780	910	850	
30	850	830	830	830	830	850	830	850	830	850	
070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	
160	1100	1040	1040	1040	1040	1040	1040	990	990	990	
160	1020	1020	1020	1020	1020	1020	1020	1020	956	956	
873	812	812	806	800	794	788	782	776	776	776	
582	578	579	598	620	595	591	569	534	536	538	
234	1187	1138	1081	1055	1021	1002	1000	983	1052	1016	
967	925	905	881	849	831	874	862	827	809	790	
820	700	809	925	848	850	807	817	879	930	784	
546	537	543	522	494	492	482	484	490	502	503	
480	504	553	624	620	592	604	632	657	670	639	
906	762	879	619	748	831	780	747	551	687	683	
910	883	862	827	804	825	846	836	854	867	887	
612	1212	1070	1135	684	1051	892	884	815	779	821	
461	431	415	401	387	374	365	361	386	381	381	
908	901	817	802	874	754	750	664	821	735	755	
674	644	570	514	503	498	494	483	459	470	488	
1165	1068	1055	980	965	908	918	903	855	844	856	
727	739	694	674	671	614	634	623	639	648	645	
506	532	517	511	496	486	515	524	538	556	587	18,411
730	700	597	567	546	517	498	519	536	566	564	21,628
360	360	349	349	347	345	340	353	353	347	340	11,578
621	626	656	700	718	687	675	675	719	784	814	26,106
517	490	523	540	553	545	585	625	636	605	617	20,141
356	343	342	350	350	350	357	350	350	360	383	11,311
581	571	543	508	486	483	478	494	515	520	527	19,511
593	593	595	604	605	603	605	592	572	547	576	21,636
358	350	333	336	337	344	375	425	408	426	427	12,998
1010	1046	1044	1048	1036	1039	1005	984	952	947	898	35,079
353	365	378	370	378	381	385	387	399	431	424	14,320

YEAR	1	2	3	4	5	6	7	8	9	10	11
1895	830	830	830	890	890	890	890	890	890	950	1070
1896	1210	1210	1070	1010	950	950	950	890	890	890	950
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120
1898	550	550	636	636	636	636	636	636	636	721	721
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220
1900	810	810	802	810	930	990	905	855	855	870	905
1901	770	770	770	830	830	800	800	800	800	770	770
1902	728	728	695	695	665	665	653	635	635	665	695
1903	828	752	715	715	715	715	715	715	715	715	715
1904	840	622	622	622	622	622	280	280	280	280	840
1905	560	560	560	560	560	560	560	560	560	560	560
1906	750	750	780	725	700	700	675	675	675	675	675
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070
1908	870	840	810	810	782	810	840	990	930	870	900
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970
1910	830	850	850	850	830	850	830	830	810	810	780
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040
1913	956	892	956	956	892	892	892	892	956	1160	1020
1914	718	817	718	718	718	718	718	718	718	718	718
1915	678	868	753	675	660	653	646	619	624	627	632
1916	976	944	940	969	962	944	933	916	929	1025	1006
1917	781	766	783	754	741	731	725	713	698	683	694
1918	752	718	858	725	659	520	623	619	655	878	1037
1919	502	493	503	511	511	500	504	524	542	546	523
1920	684	653	657	590	517	473	464	519	544	555	565
1921	756	718	733	730	774	842	721	686	726	680	693
1922	940	969	947	927	905	865	845	823	807	801	797
1923	832	859	770	817	766	797	714	631	716	685	679
1924	386	381	381	390	377	395	390	391	385	394	395
1925	743	736	669	658	544	686	825	1055	950	903	905
1926	518	524	515	497	491	475	476	466	469	463	456
1927	885	890	867	878	889	835	813	755	785	817	830
1928	672	642	652	626	593	621	615	626	639	657	676
1929	594	584	554	520	519	524	526	526	541	537	566
1930	551	549	533	533	500	500	500	500	541	537	549
1931	342	342	342	332	331	333	322	322	335	340	365
1932	828	840	815	803	777	719	693	673	655	681	668
1933	675	672	630	580	570	565	584	569	578	557	589
1934	424	442	427	408	374	363	370	376	383	380	377
1935	498	482	456	482	513	543	559	524	519	515	505
1936	602	629	671	681	734	842	879	878	830	724	675
1937	447	468	450	430	431	411	445	468	436	417	420
1938	582	901	572	586	855	821	819	809	837	831	835
1939	433	435	437	436	447	456	462	470	477	476	482

SEPTEMBER

	10	11	12	13	14	15	16	17	18	19	20	21	22
90	950	1070	1070	1070	1070	1140	1140	1070	1010	950	1010	950	950
90	890	950	950	890	950	950	950	890	890	830	890	890	830
90	1120	1120	1120	1250	1250	1120	1120	1120	990	990	990	1120	1120
36	721	721	721	721	721	721	721	721	636	350	550	550	550
20	1220	1220	1100	1100	1100	1220	1280	1160	1100	1100	1100	1100	1050
55	870	905	822	822	870	930	810	822	830	870	855	845	830
100	770	770	770	740	770	770	800	770	800	770	770	830	860
35	665	695	665	635	665	695	665	635	665	695	695	695	695
15	715	715	828	945	945	945	905	828	790	715	715	715	752
80	280	840	840	840	840	840	840	840	750	795	750	840	750
560	560	560	560	560	560	560	560	560	580	580	580	580	580
675	675	675	675	780	810	750	725	700	700	675	675	650	625
070	1040	1070	1100	1070	1040	1040	1000	1000	965	1000	965	930	965
930	870	900	930	900	870	840	930	990	1260	1120	1020	990	960
010	940	970	970	1000	910	870	840	840	840	840	840	780	790
810	810	780	780	780	810	965	1100	1380	1230	1230	1100	1040	990
070	1020	993	993	969	969	947	947	969	969	969	993	993	993
160	1100	1040	1160	1160	1160	1100	1100	1100	1160	1160	1100	1040	1040
956	1160	1020	956	892	892	830	830	830	892	892	886	880	873
718	718	718	718	836	836	1030	1170	1100	1100	1100	1030	1100	1030
624	627	632	609	679	632	656	665	643	630	631	607	607	597
929	1025	1006	988	957	925	917	905	880	855	843	843	856	831
698	683	694	701	705	765	772	736	715	699	679	667	647	655
655	878	1037	1044	856	912	900	1008	927	948	936	1527	817	791
542	546	523	495	470	464	491	523	591	736	797	739	712	506
544	555	565	588	528	570	620	725	708	673	749	638	630	630
726	680	623	632	749	967	947	767	717	751	859	883	1037	1109
807	801	797	793	767	756	735	715	715	715	745	785	756	756
716	685	679	628	753	645	701	697	652	598	640	638	645	639
385	394	385	380	386	392	399	388	388	387	402	434	455	569
950	903	805	796	916	769	832	856	833	770	731	768	877	874
469	463	456	449	451	460	461	460	526	521	483	505	598	499
785	817	830	971	1010	1045	1046	1015	1046	976	979	884	886	866
639	657	676	691	761	799	816	815	775	726	690	692	690	681
541	587	566	557	545	506	481	477	477	477	477	494	493	513
541	537	549	622	679	707	730	662	595	578	549	543	526	512
335	340	365	365	379	380	384	380	376	371	379	437	463	442
655	681	668	723	760	760	767	685	711	657	625	625	619	648
578	557	589	574	553	547	517	555	570	588	589	585	564	551
383	380	377	399	405	398	436	444	467	377	378	376	374	378
519	515	505	496	485	484	476	485	495	503	497	493	500	500
830	724	675	658	638	626	628	622	648	644	647	645	654	662
436	417	420	391	402	402	410	405	420	428	417	425	431	443
837	831	835	807	796	759	791	765	754	767	723	726	706	711
477	476	482	476	511	647	627	597	626	620	582	550	584	577

SEPTEMBER

17	18	19	20	21	22	23	24	25	26	27	28	29	30
1070	1010	950	1010	950	950	950	950	1010	1010	950	950	950	950
890	890	830	890	890	830	890	1010	1070	1040	1010	1010	950	890
1120	990	990	990	1120	1120	1120	1120	1120	860	860	860	860	860
721	636	550	550	550	550	721	636	721	636	636	636	721	721
1160	1100	1100	1100	1100	1050	1050	1050	1050	986	986	986	986	986
822	830	870	855	845	830	845	830	855	870	888	880	870	880
770	800	770	770	830	860	920	990	990	976	976	890	890	860
635	665	695	695	695	695	695	695	695	695	695	695	695	728
828	790	715	715	715	752	730	715	715	715	715	828	828	828
840	750	795	750	840	750	840	840	840	840	930	930	930	930
560	580	580	580	580	580	580	580	600	600	625	625	650	650
700	700	675	675	650	625	625	625	625	625	625	625	625	625
1000	965	1000	965	930	965	930	930	900	900	810	810	870	870
990	1260	1120	1020	990	960	930	930	930	960	990	930	930	900
840	840	810	840	780	790	850	850	880	850	850	920	1070	1230
1380	1230	1230	1100	1040	990	940	940	965	965	965	965	965	965
969	969	969	993	993	993	993	993	993	993	993	993	993	1020
1100	1160	1160	1100	1040	1040	1040	1040	1040	1040	1040	1040	1040	990
830	892	892	886	880	873	1000	867	861	918	855	849	842	836
1100	1100	1100	1030	1100	1030	963	963	963	898	898	898	898	898
648	630	631	607	607	597	594	596	592	600	839	772	708	689
880	855	843	843	856	831	821	814	814	814	820	808	809	819
715	699	679	667	647	655	720	951	829	773	739	719	690	744
927	948	936	1527	817	791	822	834	834	911	889	841	825	835
591	736	797	739	712	506	624	616	619	614	609	599	592	586
708	673	749	638	630	630	648	733	901	851	841	824	815	824
717	751	839	883	1037	1108	1037	901	933	942	934	855	885	856
715	715	745	785	756	756	756	793	762	762	849	752	769	790
652	598	640	638	645	638	632	670	581	691	875	925	843	735
388	387	402	434	455	568	458	454	463	531	521	517	508	495
833	770	731	768	877	874	747	823	771	833	744	811	766	662
526	521	483	503	598	499	499	499	509	502	521	521	510	520
1046	976	979	884	886	866	869	895	877	962	946	1011	1024	1296
775	726	690	692	690	681	689	684	684	684	684	684	684	684
477	477	477	484	493	513	518	535	570	562	652	602	629	630
595	578	549	543	526	512	521	563	617	640	643	627	626	627
376	371	379	437	463	442	430	502	524	535	503	488	470	460
711	657	625	625	619	648	647	645	651	640	634	660	644	630
570	588	589	585	564	551	546	557	577	611	667	698	694	666
467	377	378	376	374	378	384	445	462	469	484	493	500	490
495	503	497	493	500	500	490	490	507	507	507	495	510	510
648	644	647	645	654	662	713	720	721	649	610	615	606	617
420	428	417	425	431	443	443	444	450	452	452	447	445	449
754	767	723	726	706	711	707	715	684	686	687	687	710	733
626	620	582	550	584	579	550	550	530	519	509	481	444	471

Chart 2H

21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	950	950	950	1010	1010	950	950	950	950		
890	830	890	1010	1070	1040	1010	1010	950	890		
1120	1120	1120	1120	1120	860	860	860	860	860		
550	550	721	636	721	636	636	636	721	721		
1100	1050	1050	1050	1050	986	986	986	986	986		
845	830	845	830	855	870	888	880	870	880		
830	860	920	990	990	976	976	890	890	860		
695	695	695	695	695	695	695	695	695	728		
715	752	730	715	715	715	715	828	828	828		
840	750	840	840	840	840	930	930	930	930		
580	580	580	580	600	600	625	625	650	650		
650	625	625	625	625	625	625	625	625	625		
930	965	930	930	900	900	810	870	870	870		
990	960	930	930	930	960	990	930	930	900		
780	790	850	850	880	850	850	920	1070	1230		
1040	990	940	940	965	965	965	965	965	965		
993	993	993	993	993	993	993	993	993	1020		
1040	1040	1040	1040	1040	1040	1040	1040	1040	990		
880	873	1000	867	861	918	855	849	842	836		
1100	1030	963	963	963	898	898	898	898	898		
607	597	594	596	592	600	839	772	708	689		
836	831	821	814	814	814	820	808	809	819		
647	655	720	951	829	773	739	719	690	744		
817	791	822	824	824	911	889	841	825	835		
712	506	624	616	619	614	609	599	592	586		
630	630	648	733	901	851	841	824	815	824		
1037	1108	1037	901	933	942	934	855	885	856		
756	756	756	783	762	762	849	752	769	790		
645	638	632	670	581	691	875	925	843	735		
455	568	458	454	463	531	521	517	508	495		
877	874	747	823	771	833	744	811	766	662		
598	499	499	499	509	502	521	521	510	520		
886	866	869	895	877	962	946	1011	1054	1296		
690	681	689	684	684	684	684	684	684	684		
498	513	518	555	570	562	652	602	629	630	16,244	
526	512	521	563	617	640	643	627	626	627	17,360	
463	442	430	502	524	535	503	488	470	460	12,023	
619	648	647	645	651	640	634	660	644	630	20,873	
564	551	546	557	577	611	667	698	694	666	17,778	
374	378	384	445	462	469	484	493	500	490	12,483	
500	500	490	490	507	507	507	495	510	510	15,026	
654	662	723	720	721	649	610	615	606	617	20,468	
431	443	443	444	450	452	452	447	445	449	12,979	
706	711	707	715	684	686	687	687	710	733	23,262	
584	579	550	550	530	519	509	481	444	471	15,404	

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
	950	950	950	950	890	890	890	890	950	950	950	950
1895	950	950	950	950	890	890	890	890	950	950	950	950
1896	890	950	830	830	890	830	950	890	830	830	890	830
1897	860	925	925	925	925	925	990	925	925	990	1060	1120
1898	550	636	721	721	721	721	721	721	721	892	978	892
1899	986	986	986	986	986	986	986	1050	1050	1050	1050	1100
1900	880	930	930	930	1050	1120	990	960	930	930	930	930
1901	860	860	941	990	1020	1080	990	1020	990	890	890	890
1902	728	728	708	708	695	695	695	695	695	695	695	695
1903	868	905	905	945	1020	1200	1200	1110	1110	1020	1020	1110
1904	930	885	750	682	750	840	930	930	975	1020	1020	1020
1905	650	650	625	625	625	600	600	650	650	675	675	675
1906	625	600	625	675	725	725	700	650	650	625	625	650
1907	900	900	900	900	900	900	900	900	930	965	900	870
1908	870	870	870	900	900	900	870	870	840	840	840	840
1909	1070	1030	950	1030	1120	1120	1120	1120	1080	1030	1000	1000
1910	965	965	990	1340	1300	1100	1070	1040	1020	1020	990	990
1911	990	1095	1140	1095	1060	1060	1095	1035	1010	1060	1265	1170
1912	990	990	990	990	1070	1230	1160	1100	1130	1100	1070	1070
1913	836	830	824	824	824	824	1080	1370	1300	1150	1080	1080
1914	898	961	1170	1100	1030	1030	1030	1030	1030	1030	1100	1030
1915	635	663	665	710	697	686	677	672	664	672	682	666
1916	909	1009	980	954	949	925	988	1077	1003	984	1022	1038
1917	732	730	721	721	719	705	695	701	698	698	692	687
1918	867	891	909	893	817	576	1013	1346	1312	1178	1095	1049
1919	611	838	973	1080	972	875	822	817	815	841	774	763
1920	828	823	803	786	746	730	766	839	886	803	1048	1180
1921	865	872	890	879	858	937	961	861	878	975	1002	908
1922	789	783	791	764	764	764	771	785	785	764	757	778
1923	841	762	732	738	1013	1078	1043	1393	1199	1087	1001	945
1924	483	476	521	657	576	550	540	533	541	538	610	621
1925	970	833	752	731	866	899	1252	1035	998	927	808	1069
1926	553	544	538	549	529	530	525	528	528	538	528	556
1927	1309	1312	1227	1273	1299	1085	824	1444	1150	1014	1100	1048
1928	642	667	663	636	845	925	824	771	814	808	811	811
1929	580	607	590	562	563	510	820	581	630	598	600	598
1930	861	1023	1048	991	790	869	985	900	1655	1374	1028	1058
1931	486	460	448	441	426	442	466	485	417	451	465	456
1932	627	630	630	630	630	630	630	746	749	752	741	734
1933	628	619	598	587	572	637	626	610	592	910	953	787
1934	493	475	457	455	451	464	471	507	536	537	536	515
1935	518	518	491	516	493	498	498	515	496	517	516	532
1936	620	626	602	578	580	608	592	617	605	627	573	556
1937	466	480	470	497	471	483	434	540	485	524	516	509
1938	808	931	997	1136	1012	891	935	960	946	899	952	865
1939	417	470	543	614	658	678	712	757	769	697	658	661

OCTOBER

10	11	12	13	14	15	16	17	18	19	20	21	22
950	950	950	950	950	890	890	890	890	950	950	890	890
830	890	830	830	830	890	830	830	890	890	830	830	890
990	1060	1120	1120	1060	1060	1060	990	990	1060	925	990	990
892	978	892	892	978	892	892	892	892	892	892	892	892
1050	1050	1100	1100	1160	1160	1160	1220	1460	1880	2060	2390	2060
930	930	930	920	920	905	905	880	905	1020	1020	1360	1190
890	890	890	890	890	890	878	860	860	860	860	860	878
695	695	695	695	695	695	695	695	695	695	695	695	728
1020	1020	1110	1070	1070	1020	945	945	865	865	865	865	865
1020	1020	1020	975	930	930	1120	1120	1120	1160	1020	1020	948
673	675	675	675	700	700	730	760	730	700	675	700	730
625	625	650	700	675	625	675	700	725	700	700	700	700
965	900	870	965	1110	965	965	930	930	930	930	930	930
840	840	840	870	900	2580	2030	1470	1330	1220	1260	1400	990
1030	1000	1000	970	930	930	950	950	950	990	1100	1070	1030
1020	990	990	990	990	990	990	1020	1130	1040	1020	1020	990
1060	1265	1170	1170	1170	1170	1110	1095	1060	1060	1060	1035	1035
1100	1070	1070	1070	1040	1040	1040	1040	1040	1040	1040	1040	990
1150	1080	1080	1150	1220	1080	1020	1080	1020	1020	1020	1080	1080
1030	1100	1030	1030	1030	961	961	961	1170	1410	1330	1410	1410
672	682	666	695	702	708	700	691	696	687	679	683	680
984	1022	1038	987	964	941	933	934	941	940	919	926	922
698	692	687	690	690	726	775	764	772	714	779	791	760
1178	1095	1049	1024	980	968	1009	1127	1245	1186	1102	1088	1153
841	774	763	719	749	723	750	784	813	768	727	742	727
903	1048	1180	1288	1203	1230	1215	1190	1079	1037	1088	1038	1038
975	1002	908	835	786	728	645	750	1022	934	972	921	908
764	757	778	835	880	831	803	794	773	794	796	796	800
1087	1001	945	912	827	804	861	973	1019	1010	943	973	973
538	610	621	596	584	590	586	549	596	565	603	563	557
927	808	1069	1220	1147	1030	1179	1076	928	990	943	881	919
538	528	556	540	523	560	571	569	591	524	562	592	570
1014	1100	1048	941	927	1071	923	925	953	874	1077	708	864
808	811	811	860	850	840	846	840	819	771	800	874	943
598	600	598	697	688	798	669	662	720	663	670	648	644
1374	1028	1058	826	877	806	785	748	654	693	638	688	734
451	465	456	444	446	437	456	506	501	478	488	518	508
749	741	734	715	708	714	686	695	907	892	698	879	687
592	953	787	729	599	761	833	392	591	587	597	609	595
536	556	515	451	378	539	550	556	554	560	566	574	619
496	516	532	535	541	534	474	521	517	581	554	556	481
605	573	556	746	641	585	654	631	638	638	656	618	728
485	516	509	494	491	491	520	885	1130	924	730	680	634
946	952	865	979	924	906	1155	1261	1207	1142	1082	1067	994
769	658	661	663	618	602	628	622	614	602	619	656	627

CTOBER

17	18	19	20	21	22	23	24	25	26	27	28	29	30
890	890	950	950	890	890	890	950	950	950	890	890	890	890
830	890	890	830	830	890	890	890	830	830	950	950	950	830
990	990	1060	925	990	990	990	1120	1250	1250	1120	1060	1060	1060
892	892	892	892	892	892	978	978	892	892	978	978	978	978
1220	1460	1880	2060	2390	2060	1940	1820	1580	1460	1460	1460	1460	1460
880	905	1020	1020	1360	1190	1410	1230	1120	1120	1120	1070	1080	1050
860	860	860	860	860	878	860	860	860	860	860	955	990	920
695	695	695	695	695	728	760	830	900	900	865	830	795	760
945	865	865	865	865	865	865	865	842	790	790	828	842	842
1120	1120	1160	1020	1020	948	930	930	930	930	975	930	930	930
760	730	700	675	700	730	730	760	790	760	730	730	730	730
700	725	700	700	700	700	700	700	700	700	700	725	725	725
930	930	930	930	930	930	930	930	900	900	900	965	965	965
1470	1330	1220	1260	1400	990	1120	1080	1080	1080	1080	1080	1080	1080
950	950	990	1100	1070	1030	990	990	990	990	950	990	1030	990
1020	1130	1040	1020	1020	990	990	990	965	965	965	940	940	940
1095	1060	1060	1060	1035	1035	1035	1035	1060	1060	1060	1035	1010	990
1040	1040	1040	1040	1040	990	1070	1100	1040	1040	1100	1300	1265	1195
1080	1020	1020	1020	1080	1080	1020	1020	1020	1020	1020	1020	950	950
961	1170	1410	1330	1410	1410	1330	1230	1230	1190	1190	1190	1100	1100
691	696	687	679	683	680	668	681	690	707	708	695	693	700
934	941	940	919	926	922	902	898	934	936	936	939	922	921
764	772	714	779	791	760	778	774	789	800	805	785	789	643
1127	1245	1186	1102	1088	1153	1015	984	985	969	930	1017	1098	1169
784	813	768	727	742	727	725	718	750	717	694	653	661	678
1190	1079	1037	1088	1038	1035	990	980	956	925	928	933	935	800
750	1022	934	972	921	908	912	821	904	869	958	1057	923	993
794	773	794	796	796	800	1155	1017	984	1063	992	906	1058	719
973	1019	1010	943	973	973	1402	1287	1064	1033	1005	968	977	908
549	596	565	603	563	557	561	540	550	538	544	683	1314	1303
1076	928	990	943	861	919	835	838	827	900	865	798	833	977
569	591	524	562	592	570	571	523	587	570	565	664	691	610
925	953	874	1077	708	864	1036	1104	1009	1098	1381	1543	1445	1157
840	819	771	800	674	943	800	779	713	760	794	780	870	900
662	720	663	670	645	644	631	631	631	631	635	637	689	648
748	654	693	638	688	734	917	771	803	842	815	729	821	746
506	501	478	488	518	508	573	639	639	637	654	602	556	596
695	907	892	698	879	627	705	1101	761	682	752	760	723	881
592	591	587	597	609	595	610	616	598	591	580	592	603	650
556	554	550	566	575	619	717	760	1020	997	877	751	720	697
521	517	581	554	536	481	636	574	585	641	621	548	575	571
631	630	638	656	618	728	640	633	716	696	702	757	672	656
885	1130	924	730	680	634	624	612	602	521	570	798	576	563
1261	1207	1142	1082	1067	996	956	910	932	852	877	951	908	908
622	614	602	619	656	627	629	699	639	632	631	583	503	852

Chart 21

22	23	24	25	26	27	28	29	30	31	TOTAL
890	890	950	950	950	890	890	890	890	920	
890	890	890	830	830	950	950	950	830	1010	
990	990	1120	1250	1250	1120	1060	1060	1060	1060	
892	978	978	892	892	978	978	978	978	978	
2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	
1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	
878	860	860	860	860	860	955	990	920	920	
728	760	830	900	900	865	830	795	760	760	
865	865	865	842	790	790	828	842	842	828	
948	930	930	930	930	975	830	930	930	930	
730	730	760	790	760	730	730	730	730	730	
700	700	700	700	700	700	725	725	725	725	
930	930	930	900	900	900	965	965	965	1040	
990	1120	1080	1080	1080	1080	1080	1080	1080	1080	
1030	990	990	990	990	950	990	1030	990	1110	
990	990	990	965	965	965	940	940	940	940	
1035	1035	1035	1060	1060	1060	1035	1010	990	1010	
990	1070	1100	1040	1040	1100	1300	1265	1195	1100	
1080	1080	1020	1020	1020	1020	1020	950	950	950	
1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	
680	668	681	690	707	708	695	693	700	653	
922	902	898	934	936	936	939	922	921	920	
760	778	774	789	800	805	785	789	643	878	
1153	1015	984	985	969	930	1017	1098	1169	1151	
727	725	718	750	717	694	653	661	678	705	
1035	990	980	956	925	928	933	935	800	795	
908	912	821	904	869	958	1057	923	993	922	
800	1155	1017	984	1063	992	906	1058	719	793	
973	1402	1287	1064	1033	1005	968	977	908	925	
557	561	540	550	538	544	683	1314	1303	1141	
919	835	838	827	900	865	798	833	977	894	
570	571	523	587	570	565	664	691	610	612	
864	1036	1104	1009	1098	1381	1343	1445	1157	1386	
943	800	779	713	760	794	780	870	900	1012	24,926
644	631	631	631	631	635	637	689	646	650	19,678
734	917	771	803	842	815	729	821	746	781	27,286
508	573	639	638	637	654	602	556	596	591	15,712
627	706	1101	761	682	752	760	723	881	585	19,571
595	610	616	598	591	580	592	603	650	1186	20,638
619	717	260	1030	997	877	751	710	697	695	18,529
481	616	574	585	671	611	548	575	571	563	16,808
728	640	633	716	696	702	757	672	656	696	19,886
634	624	612	622	621	670	694	586	563	593	18,113
996	936	910	932	892	877	951	908	906	972	30,313
627	629	699	639	632	631	583	503	852	533	19,584

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	950	950	950	950	890	890	720	890	950	950	950	950
1896												
1897	1060			990				990			1060	
1898	978	978	1060	1060	978	978	978	978	978	978	978	721
1899	1340	1340	1220	1340	1340	1340	1340	1460	1400	1340	1520	1760
1900	1120	1120	1120	1120	1120	1120	1050	1050	1050	1020	990	960
1901	920	920	920	890	920	920	890	890	890	890	890	848
1902	760	760	760	760	795	830	900	984	1000	1000	1040	1040
1903								828		828		
1904												
1905	730	700	700	675	675	650	650	675	700	675	675	675
1906	750	750	750	750	780	780	810	810	845	880	880	810
1907	1040	1000	965	965	930	900	930	930	900	900	870	840
1908	1120	1120	1120	1080	990	990	990	1020	990	990	990	1020
1909	1190	1360	1360	1360	1310	1270	1270	1110	1150	1230	1390	1230
1910	940	940	940	940	915	890	965	990	1160	1160	1230	1730
1911	1010	1010	990	1010	1060	1085	1085	1110	1230	1170	1060	930
1912	1015	1015	1100	1130	1100	1160	1300	1265	1230	1265	1300	1230
1913	950	1080	1150	1080	1080	2080	2190	1610	1530	1450	1530	1790
1914	1170	1100	1100	1100	1100	1100	1030	1030	1030	961	961	961
1915	662	668	670	672	673	664	684	695	712	701	684	725
1916	922	918	916	906	899	913	901	873	883	905	854	733
1917	932	773	924	887	795	896	786	786	792	780	786	774
1918	1210	1166	1148	1056	1053	1032	1026	977	980	967	964	932
1919	758	843	1035	1247	1430	1485	1424	1237	1054	964	931	906
1920	779	877	869	869	886	886	888	907	921	895	824	787
1921	925	925	830	876	884	886	869	869	920	898	803	874
1922	865	924	830	794	764	734	769	869	1000	914	962	944
1923	904	890	933	837	903	899	876	855	866	884	895	827
1924	1017	1180	937	902	1000	987	806	839	619	775	912	875
1925	767	777	952	828	684	776	671	797	826	829	1072	920
1926	525	552	556	523	568	528	681	709	709	595	695	907
1927	1131	1031	1132	1021	1235	1083	1309	1533	1649	4067	4329	3186
1928	1003	866	994	887	899	955	961	795	904	875	900	776
1929	653	650	650	577	678	581	655	555	616	561	561	752
1930	700	819	650	822	667	747	753	695	716	801	860	797
1931	515	518	522	526	476	516	526	648	591	646	582	489
1932	678	646	3322	826	764	884	1017	937	959	1148	949	778
1933	1213	993	848	848	729	828	807	803	748	777	780	751
1934	753	761	823	728	687	860	1028	987	1062	872	847	781
1935	496	607	650	606	573	589	648	652	665	696	607	618
1936	731	650	599	488	696	770	730	680	575	620	546	664
1937	582	596	653	629	649	555	541	556	639	664	659	655
1938	1001	1201	1065	1606	2113	1509	1129	1117	1264	1276	1188	890
1939	763	706	660	733	754	711	630	657	663	689	562	647

- Interpolated

NOVEMBER

9	10	11	12	13	14	15	16	17	18	19	20	21	22
950	950	950	950	950	950	1010	1010	1010	950	950	950	950	890
978	978	1060	721	721	721	990	721	892	1250	1060	1150	1060	1120
1400	1340	978	1760	1820	1700	1580	1700	1640	1150	1580	1580	1460	1060
1050	1020	1520	960	990	990	990	990	990	1050	1050	960	930	1460
890	890	990											
1000	1000	890	848	890	848	890	890	860	860	860	860	860	920
	828	1040	1040	1000	970	900	830	900	970	970	900	865	830
700	675										1110		
		675	675	675	675	675	675	675	675	675	675	675	700
845	880	880	810	1060	2350	2620	5250	2110	1470	1200	1160	1240	1240
900	900	870	840	870	900	900	870	900	930	840	870	965	900
990	990	990	1020	1020	960	930	755	870	990	990	1050	1120	1190
1150	1230	1390	1230	1150	1190	1070	990	1070	1150	1570	3850	4190	5400
1160	1160	1230	1730	1600	1230	1160	1100	1100	1160	1160	1130	1340	1600
1230	1170	1060	930	970	1170	1300	1495	1300	1495	1230	1265	1265	1230
1230	1265	1300	1230										
1530	1450	1530	1790	1530	1370	1300	1300	1300	1220	1220	1220	1220	1080
1030	961	961	961	1030	1030	961	780	830	898	731	839	839	839
712	701	684	725	721	731	769	919	771	781	797	818	869	859
883	905	854	733	622	824	1037	1057	1052	1052	1129	969	869	858
792	780	786	774	822	822	792	804	807	1103	915	671	675	742
980	967	964	932	925	941	950	1005	1030	1037	994	960	977	956
1054	964	931	906	888	821	783	806	889	969	985	1007	1002	990
921	895	824	787	806	868	914	898	1063	1444	1837	2402	2470	2246
920	898	803	874	795	871	877	933	777	723	786	910	1619	5726
1000	914	962	944	823	876	598	776	807	1013	1070	1066	826	756
866	884	895	827	851	838	856	828	821	835	809	782	759	893
619	775	912	875	775	659	709	765	652	629	568	812	1458	1391
826	829	1072	920	949	864	761	1838	931	897	852	775	755	757
709	595	695	907	1016	891	771	838	969	851	852	939	1970	1570
1649	4067	4329	3186	2620	2243	1723	2211	2746	2905	2531	2228	2999	3208
904	875	900	776	762	811	909	814	783	852	611	622	831	889
616	561	561	752	613	529	535	601	567	674	686	661	665	665
716	801	860	797	709	961	693	681	769	777	784	653	683	742
591	646	582	489	444	474	558	616	614	536	506	465	398	357
959	1148	949	778	853	897	822	794	908	937	1050	942	890	870
748	777	780	751	737	733	757	745	706	764	918	842	705	794
1062	872	847	781	717	775	680	473	693	778	954	988	897	874
665	696	607	618	725	604	602	654	657	750	755	683	659	642
575	620	546	664	637	605	688	587	736	742	642	639	611	600
639	664	659	655	661	729	818	777	754	851	613	1044	1481	1649
1264	1276	1188	890	851	1318	1111	1031	1349	1343	1099	1097	1107	847
663	689	562	647	624	714	665	612	658	525	580	554	561	615

18	19	20	21	22	23	24	25	26	27	28	29	30	31
950	950	950	950	890	770	770	770	890	950	770	950	1010	
1250				1120			1250				990		
1150	1060	1150	1060	1060	892	892	892	892	892	892	892	978	
1580	1580	1580	1460	1460	1460	1340	1340	1340	1340	1460	1820	2060	
1050	1050	960	930	960	990	1050	1050	1080	1120	990	930	990	
860	860	860	860	920	990	1200	1050	990	1060	990	1020	1120	
970	970	900	865	830	865	900	935	970	1040	900	900	935	
		1110			2130		1680						
675	675	675	675	700	700	700	700	700	700	700	675	675	
1470	1200	1160	1240	1240	1060	960	960	920	920	920	845	810	
930	840	870	965	900	930	965	1040	1070	1040	930	930	965	
990	990	1050	1120	1190	1080	1080	1020	930	870	755	650	960	
1150	1570	3850	4190	5400	15200	13000	9450	7370	5800	4700	4050	3850	
1160	1160	1130	1340	1600	1830	1730	1640	1380	1100	1230	1300	1300	
1495	1230	1265	1265	1230	1035	970	930	1230	1085	930	810	890	
1220	1220	1220	1220	1080	1080	1080	1150	1230	1300	1450	1300	1220	
898	731	839	839	839	961	1030	961	961	898	961	1030	961	
781	797	818	869	859	867	886	830	790	788	683	767	957	
1052	1129	969	869	858	863	857	827	870	890	895	867	849	
1103	915	671	675	742	884	856	860	962	780	785	887	675	
1037	994	960	977	956	909	802	740	652	698	677	750	775	
969	985	1007	1002	990	928	882	841	818	711	548	528	564	
1444	1837	2402	2470	2246	1900	1627	1478	1384	1650	1568	1511	1385	
723	786	910	1619	5726	3063	2350	1690	1564	1601	1236	1514	1494	
1013	1070	1066	826	756	812	411	818	620	659	717	681	745	
835	809	782	759	893	821	890	1177	1130	968	801	762	992	
629	568	812	1458	1391	1485	1229	1082	913	841	684	719	711	
897	852	775	755	757	823	805	971	939	1028	922	1016	915	
851	852	939	1970	1570	1370	1686	2075	2453	1941	1691	1692	2697	
2905	2531	2228	2999	3208	2745	2307	2235	2821	3364	3341	3448	3900	
852	611	622	831	889	881	838	874	831	880	831	796	572	25, 2
674	686	681	665*	665*	665*	665*	665*	672	810	700	698	688	19, 24
777	784	653	683	742	697	790	876	828	729	860	742	708	28, 70
536	506	465	398	357	310	268	344	643	725	675	538	586	15, 6
937	1050	942	890	870	837	687	789	699	826	808	834	888	28, 2
764	918	842	705	794	645	764	754	751	760	624	912	806	23, 8
778	954	988	897	874	829	839	875	795	812	817	761	776	24, 7
750	755	683	659	642	658	712	710	638	663	666	552	387	19, 1
742	642	639	611	600	604	555	594	590	473	414	414	420	18, 3
851	613	1044	1681	1649	1216	1007	1038	1067	972	961	882	816	24, 9
1343	1099	1097	1107	847	751	825	881	877	908	903	927	1113	33, 69
525	580	554	561	615	546	670	649	655	703	630	705	658	19, 44

Chart 23

22	23	24	25	26	27	28	29	30	31	TOTAL
890	770	770	770	890	950	770	950	1010		
1120			1250				990			
1060	892	892	892	892	892	892	892	978		
1460	1460	1340	1340	1340	1340	1460	1820	2060		
960	990	1050	1050	1080	1120	990	930	990		
920	990	1200	1050	990	1060	990	1020	1120		
830	865	900	935	970	1040	900	900	935		
	2130		1680							
700	700	700	700	700	700	700	675	675		
1240	1060	960	960	920	920	920	845	810		
900	930	965	1040	1070	1040	930	930	965		
1190	1080	1080	1020	930	870	755	650	960		
5400	15200	13000	9450	7370	5800	4700	4050	3850		
1600	1830	1730	1640	1380	1100	1230	1300	1300		
1230	1035	970	930	1230	1085	930	810	890		
1080	1080	1080	1150	1230	1300	1450	1300	1220		
839	961	1030	961	961	898	961	1030	961		
859	867	886	830	790	788	683	767	957		
858	863	857	827	870	890	895	867	849		
742	884	856	860	962	780	785	887	675		
956	909	802	740	652	698	677	750	775		
990	928	882	841	818	711	548	528	564		
2246	1900	1627	1478	1384	1650	1568	1511	1385		
5726	3063	2350	1690	1564	1601	1236	1514	1494		
756	812	411	818	620	659	717	681	745		
893	821	890	1177	1130	968	801	762	992		
1391	1485	1229	1082	913	841	684	719	711		
757	823	805	971	939	1028	922	1016	915		
1570	1370	1686	2075	2453	1941	1691	1692	2697		
3208	2745	2307	2235	2821	3364	3341	3448	3900		
889	881	838	874	831	880	831	796	572		25,202
665*	665*	665*	665*	672	810	700	696	688		19,846
742	697	790	876	828	729	860	742	708		22,709
357	310	268	344	643	725	675	538	586		15,612
870	837	687	789	699	826	808	834	888		28,239
794	645	764	754	751	760	624	912	806		23,842
874	829	839	875	795	812	817	761	776		24,722
642	638	712	710	638	661	666	551	387		19,124
600	604	555	594	590	473	414	414	420		18,300
1649	1216	1007	1038	1067	972	961	882	816		24,914
847	751	825	881	877	908	903	927	1113		33,697
615	546	670	649	655	703	630	705	658		19,499

YEAR	1	2	3	4	5	6	7	8	9	10	11
1895	950	950	770	720	720	950	950	950	950	890	1010
1896											
1897						1920	2260	2770	2600	2600	2600
1898	1060	1060	1060	1060	1580	1220	1340	1340	1460	1580	1580
1899	2060	1700	1520	1280	1220	1050	1050	1050	1050	990	990
1900	1050	1050	990	1050	1050						
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290
1903			1200		1110			1020			
1904											
1905	675	675	675	650	560	560	520	480	480	450	450
1906											
1907	930	840	810	870	930	965	1000	1100	965	900	1000
1908	990	930	990	1050	990	930	930	990	990	960	900
1909	3460	3200	2660	2540	2480	2370	2370	2370	2840	2480	2100
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380
1911	1060	1035	990	1085	1110	1170	1140	1085	1110	1100	1085
1912											
1913	1150	950	950	950	950	950	950	886	824	824	1020
1914	898	783	898	1100	1030	961	783	731	683	638	783
1915	869	812	947	1000	1103	985	949	918	892	843	790
1916	747	982	1088	1185	1117	1034	901	698	493	859	949
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917
1918	829	842	896	927	955	1092	1090	1084	926	901	807
1919	829	989	1058	918	836	852	836	786	733	628	873
1920	1236	1260	1249	1211	1168	1011	951	817	672	1019	1222
1921	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360
1922	709	688	650	716	649	1000	662	821	784	612	670
1923	991	710	685	646	662	798	999	1103	819	615	486
1924	680	847	950	936	793	796	798	751	772	647	672
1925	967	1522	2346	1549	1348	1231	1128	1042	937	926	888
1926	3325	2469	2521	2703	2522	2191	2020	1506	1174	1240	1088
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804
1928	540	736	444	672	404	619	634	685	813	857	968
1929	686	719	640	575	609	732	688	696	686	941	2221
1930	678	749	842	976	938	911	836	685	604	575	752
1931	380	445	563	635	610	462	582	513	572	431	416
1932	729	763	841	828	819	632	562	613	426	366	290
1933	765	690	740	805	802	652	809	837	767	781	795
1934	814	823	778	850	869	814	793	608	726	668	602
1935	444	399	403	424	575	679	729	656	811	725	657
1936	581	578	614	581	518	513	779	818	801	654	530
1937	630	675	643	684	679	647	692	404	734	596	2998
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043
1939	534	617	592	592	586	575	715	644	640	934	1197

DECEMBER

10	11	12	13	14	15	16	17	18	19	20	21	22
890	1010	1010	1010	770	830	670	620	620	620	620	620	670
2600 1580 990	2600 1580 990	2600 1460 930	2600 1460 930	2430 1460 990	2430 1340 1050	2770 1340 1050	2770 1580 1120	2770 1580 1050	2770 1820 1050	2770 1820 1050	2770 1580 1460	2600 1580 1360
1200 1270	1130 1290	1060 1190 865	920 1000	830 830	1060 695	955 695 850	990 695	1020 747	1020 1040 945	920 1080	890 1100	1080 1120 945
450	450	480	520	600	675	940	940	940	880	820	790	560 520
900 960 2480 1380	1000 900 2100 1380	1000 920 2160 1460	1040 1020 2200 1160	1000 810 2050 990	900 650 1850 990	1800 1020	1660 1160	1660 1100	1700 1100	1480 1070	1390 1100	1180 1180 1050 1700 1160
1100	1085	1060	1085	970	990	1085	1085	950	870	910	930	860 1010
824 638 943	1020 783 790	1080 961 784	1080 731 757	1220 638 884	1080 559 765	950 559 574	824 559 641	1020 717	1080 617 704	886 664 739	824 600 946	824 745 1102 1157
859 1022 901 628 1019	949 917 807 873 1222	976 909 723 752 1225	1089 1179 774 829 1170	976 1640 838 966 1019	760 1553 947 601 905	658 1192 895 539 745	763 1191 787 588 802	878 1529 717 638 894	1162 1633 617 757 1097	885 1737 664 903 1134	992 1627 712 986 1117	989 2038 745 1126 1042 897 1737 757 1160 950
1350 612 615 647 926	1360 670 486 672 688	1552 655 524 754 999	1372 674 702 835 1017	1431 666 812 837 915	1350 527 1089 853 914	1136 873 1009 727 915	978 706 968 775 1016	521 655 848 639 940	1184 1010 911 458 1031	1124 1118 972 434 906	1295 974 963 420 916	1175 954 799 422 904 1163 790 636 425 923
1240 1789 857 941 575	1088 1804 968 2221 752	1471 1534 974 1670 920	1312 1660 849 1818 893	1044 1634 913 2649 888	591 1619 839 1613 725	755 1253 843 1827 671	1171 1635 791 2297 819	1291 1385 591 1692 701	1296 1164 647 1250 715	989 971 586 1271 730	1051 1087 599 1838 570	815 950 615 1047 493 794 1548 806 1076 505
431 366 781 668 725	416 290 795 602 657	532 300 821 586 833	479 304 902 688 808	398 306 994 910 739	377 373 959 1112 611	434 416 872 800 388	620 650 836 788 339	620 461 402 798 350	620 832 701 804 361	621 886 862 339	762 851 976 989 550	745 496 972 1017 578 718 750 943 1038 480
654 596 1248 934	530 2998 1043 1197	534 10641 903 1096	659 7374 468 876	553 4097 589 820	701 2965 791 699	851 2697 1146 836	822 2301 1053 1135	785 1926 790 1420	720 1760 984 1131	742 1389 1010 945	756 1226 932 891	710 1161 928 833 755 1291 752 770

DECEMBER

17	18	19	20	21	22	23	24	25	26	27	28	29	30
620	620	620	620	620	670	670	770	830	950	950	770	815	860
2770	2770	2770	2770	2770	2600	2600	2600	2600	2940	3290	3290	2940	2940
1580	1580	1820	1820	1580	1580	1580	1820	1580	1580	1580	1820	1820	1580
1120	1050	1050	1050	1460	1360	1120	1050	1120	1050	1050	930	880	930
990	1020	1020	920	890	1080	1200	1430	1350	1200	1130	1130	955	890
695	747	1040	1080	1100	1120	1190	1190	1270	1230	1270	1120	1040	695
		945			945			752			790		
940	940	880	820	790	560	520	520	580	625	625	760	820	760
					1180	1180	1180	1240	1180	1360	1180	1140	1000
1660	1660	1700	1480	1390	1570	1700	1660	1660	930	1050	1120	990	930
1160	1100	1100	1070	1100	1160	1160	1300	1100	1750	1570	1390	1370	1390
									990	990	1040	1100	1100
1085	950	870	910	930	850	1010	1010	930	950	930	1035	1060	1035
824	1020	1080	886	824	824	1080	950	1080	1150	1020	1020	950	1020
559				600					650			826	
641	854	704	739	946	1102	1157	1079	955	825	728	837	849	676
763	878	1162	885	992	989	897	883	873	679	663	669	679	671
1191	1529	1633	1737	1627	2038	1737	2965	2871	2416	3536	5080	6972	5420
787	717	617	664	712	745	757	670	660	628	640	637	617	588
588	638	757	903	986	1126	1160	1199	1016	955	927	998	872	815
802	894	1097	1134	1117	1042	950	909	890	936	956	982	1074	1359
978	521	1184	1124	1295	1175	1163	1220	1106	1109	1194	1191	1127	1177
706	655	1010	1118	974	954	790	804	1052	1085	1172	1246	1361	1017
968	848	911	972	963	799	635	608	902	979	879	947	898	1008
775	639	458	434	420	422	425	421	539	515	507	663	753	975
1016	940	1031	906	916	904	923	1016	1026	882	859	765	682	639
1171	1291	1296	989	1051	915	794	906	869	844	840	928	838	911
1635	1385	1164	971	1087	950	1548	1345	1255	1147	1144	1173	1490	1373
791	591	647	586	599	615	606	706	645	995	837	964	1048	889
2297	1692	1250	1271	1838	1047	1076	1012	971	917	843	732	729	625
819	701	715	730	570	493	505	552	533	509	760	466	634	613
620	620	620	621	762	745	718	718	694	726	751	837	750	620
650	461	1046	832	851	496	750	690	1081	929	761	822	780	825
836	402	701	886	976	972	943	996	998	1106	1241	1215	1121	1110
788	799	804	862	989	1017	1008	928	946	897	926	965	813	750
339	359	363	339	550	578	430	570	678	731	758	805	805	686
822	785	720	742	756	710	755	663	723	728	698	667	478	670
2301	1926	1760	1389	1226	1161	1291	1288	1171	1319	1328	1174	1172	1097
1053	790	984	1010	932	928	752	1038	948	866	764	885	985	985
1135	1420	1131	945	891	833	770	715	685	552	552	659	697	778

Chart 2K

	22	23	24	25	26	27	28	29	30	31	TOTAL
20	670	670	770	850	950	950	770	815	860	905	
70	2600	2600	2600	2600	2940	3290	3390	2940	2940	2770	
80	1580	1580	1820	1580	1580	1580	1820	1820	1580	1820	
90	1360	1120	1050	1120	1050	1050	930	880	930	990	
00	1080	1200	1430	1350	1200	1130	1130	955	890	1020	
10	1120	1190	1190	1270	1230	1270	1120	1040	605	1000	
20	945			752			790			790	
30	560	520	520	580	625	625	760	820	760	675	
40	1180	1180	1180	1240	1180	1360	1180	1140	1000	1100	
50	1570	1700	1660	1660	930	1050	1120	990	930	755	
60	1160	1160	1300	1100	1750	1570	1390	1310	1390	1570	
70					990	990	1040	1100	1100	1160	
80	850	1010	1010	930	950	930	1035	1060	1035	1035	
90	824	1080	950	1080	1150	1020	1020	950	1020	1150	
00					650			826			
10	1102	1157	1079	955	825	726	837	849	676	719	
20	989	897	883	873	679	663	669	679	671	656	
30	2038	1737	2965	2871	2416	3536	5050	6972	5420	4150	
40	745	757	670	660	628	640	637	617	588	595	
50	1126	1160	1199	1016	955	927	998	872	815	741	
60	1042	950	909	890	936	956	982	1074	1359	2331	
70	1175	1163	1220	1106	1109	1194	1191	1127	1177	1067	
80	954	790	804	1052	1085	1172	1246	1361	1017	1136	
90	799	635	608	902	979	879	947	898	1008	776	
00	422	425	421	539	515	507	663	753	975	882	
10	904	923	1016	1026	882	859	765	682	639	607	
20	815	794	906	869	844	840	928	838	911	920	
30	950	1548	1345	1255	1147	1144	1173	1490	1373	1120	
40	615	606	706	645	995	837	964	1043	889	792	23,106
50	1047	1076	1012	971	917	843	752	729	625	704	34,774
60	493	505	552	533	509	760	666	634	613	613	22,054
70	745	718	718	694	726	751	837	750	620	557	18,188
80	496	750	690	1081	929	761	822	780	825	756	20,298
90	972	943	996	998	1106	1241	1215	1121	1110	1322	27,826
00	1017	1008	928	946	897	926	905	813	750	671	25,604
10	578	480	370	378	737	798	798	867	686	671	18,676
20	710	755	663	723	728	698	667	478	670	596	20,778
30	1161	1291	1288	1171	1319	1328	1174	1172	1097	1187	57,880
40	928	752	1038	948	866	764	885	985	985	693	30,490
50	833	770	715	685	552	552	659	697	778	918	24,634

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 41-YEAR PERIOD, 1895 to 1936

Chart 3

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	1157	1132	1559	3680	6829	8324	4350	1243	773	793	906	1195
2	1117	1129	1592	3831	6856	8290	4238	1197	777	809	906	1210
3	1121	1141	1664	3983	6963	8336	4084	1166	766	808	983	1169
4	1115	1155	1660	4096	7227	8211	3910	1146	751	821	906	1153
5	1099	1253	1726	4139	7421	8077	3736	1110	747	831	898	1094
6	1086	1255	1800	4198	7675	8026	3526	1075	746	831	938	1093
7	1109	1231	1828	4248	7927	8145	3400	1059	734	852	950	1063
8	1069	1355	1960	4462	8211	8220	3294	1044	727	880	939	1027
9	1037	1323	2077	4573	8362	8254	5688	1011	729	882	952	976
10	1037	1265	1976	5132	8534	8234	2985	962	741	874	1006	1001
11	1018	1229	2004	5384	8274	7999	2820	956	760	873	1029	1038
12	1017	1188	2104	5662	8159	8031	2768	946	778	858	989	1047
13	986	1198	2135	6103	8105	8042	2613	923	772	867	956	1053
14	1029	1173	2147	6355	8190	8013	2506	910	774	860	974	1058
15	1118	1173	2236	6467	8342	7815	2379	903	783	895	948	976
16	1165	1249	2418	6640	8445	7783	2247	891	790	880	1072	947
17	1138	1292	2421	6666	8441	7602	2110	879	783	867	984	1004
18	1134	1284	2826	6626	8551	7364	2005	852	773	887	1029	964
19	1182	1288	2890	6580	8351	7179	1917	849	766	893	1007	1032
20	1211	111	3094	6061	8177	6919	1812	841	771	889	1074	1004
21	1248	1353	3138	6103	8058	6631	1734	819	762	902	1165	1038
22	1205	1411	3205	6277	8078	6320	1647	813	750	883	1302	1015
23	2511	1400	3263	6382	8085	6013	1621	807	758	916	1485	1029
24	1155	1444	3227	6585	8172	5756	1567	792	770	910	1356	1081
25	1236	1402	3313	6678	8232	5447	1573	773	778	895	1271	1074
26	1198	1386	3266	7074	8458	5264	1475	769	775	893	1214	1056
27	1164	1472	3280	7260	8304	5449	1421	759	782	896	1173	1111
28	1130	1509	3297	7252	8250	4938	1376	756	781	901	1086	1154
29	1120	1259	3545	7045	8147	4786	1325	753	783	918	1082	1186
30	1091		3634	7668	8189	4575	1308	764	784	893	1130	1114
31	1125		3636		8356		1257	757		914		1102
Total	36128	36060	78921	173210	249363	214043	78692	28525	22964	27071	31710	33064
Ac. ft.	72256	72120	157842	346420	498726	428086	157384	57050	45928	54142	63420	66128

Total in acre feet for average year. - 2019502

TOTAL MONTHLY FLOW OF

FOR THE IRRIGATION YEAR

Year	October	November	December	January	February	March	April
1894-95	54700(8)	54000	62700	78600	68200	103100	243100
1895-96	67040	54980	50980	73440	67660	157560	295040
1896-97	54220	61500(3)	64600	50520	55240	81960	476000
1897-98	63440	64100	61500(1)	74100	67200	119280	251900
1898-99	53262	56240	151640	160600	79640	113900	425740
1899-00	83664	90000	97000	125420	96440	305220	380020
1900-01	63570	61880	65060	79400	98340	179320	305940
1901-02	56464	55892	76400	61300	90440	88920	211470
1902-03	45630	54498	63474	81760	63570	143360	448220
1903-04	58554	67800(1)	57500	124000(1)	108000(1)	262140	671840
1904-05	58980	54000	54000(2)	50400(3)	56700(2)	101900	176200
1905-06	42980	41010	40410	50810	57240	101100	337920
1906-07	42550	73380	74000	125400(4)	155000(5)	346120	673330
1907-08	57890	55978	63300	67230	63282	141130	382540
1908-09	68440	59280	58000	138160	110680	232840	472120
1909-10	63140	200560	124760	79900	66600	566900	609980
1910-11	63210	73780	76820	63010	76340	159570	323760
1911-12	66570	66700	63520	78420	76120	99580	342620
1912-13	66960	67820	60680	53800	51400	101800	374960
1913-14	63524	80180	61380	71196	78968	216040	469040
1914-15	69680	58368	44800	59580	59726	94782	176560
1915-16	42410	45626	53346	49930	63262	197486	555060
1916-17	59166	94016	53702	47678	47694	61740	267080
1917-18	46044	49506	128592	113818	77154	181542	346040
1918-19	64492	56578	49118	50532	52844	114916	395850
1919-20	47968	56548	52610	66528	66774	89234	189040
1920-21	59966	75678	67106	112422	94098	271472	394480
1921-22	55492	39088	44979	60982	53180	113692	319640
1922-23	52172	48886	52872	62100	50860	92700	213720
1923-24	61592	52930	31286	48954	72466	63530	136430
1924-25	39218	53862	42912	48414	64264	140448	237672
1925-26	58400	51594	63522	63200	104630	188084	378928
1926-27	34882	67640	84790	90008	79354	272840	316812
1927-28	69014	144162	97842	49726	41136	82474	239340
1928-29	49852	50792	46212	45514	49720	101904	179094
1929-30	39356	36848	69543	44774	64388	103616	214418
1930-31	54512	45418	44108	44818	45298	91246	171172
1931-32	31424	31224	36576	38612	36766	155826	336006
1932-33	39142	56478	40596	43926	19948	151696	249648
1933-34	41276	47684	53652	79680	54336	83150	299456
1934-35	37058	49444	51208	52256	47356	100060	577594
1935-36	33616	38248	37352	44612	41728	89870	207358
1936-37	39772	36600	41556	37568	41728	89870	207358
1937-38	36266	49828	115760	67492	11566	191026	505100
1938-39	60626	67394	60980	52236	41170	164294	328918

1938-39
1939-40
Average

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET -

OR THE IRRIGATION YEARS BEGINNING 1894-95.

January	February	March	April	May	June	July	August	September
78,600	68,280	103,180	243,140	395,220	225,700	152,980	63,620	58,000
79,440	67,660	157,560	295,040	355,380	146,280	385,520	81,960	57,500
50,520	55,240	87,960	476,000(s)	508,000(s)	415,000(s)	122,300	67,250	62,520
34,100	67,200	119,280	251,900	320,280	299,460	116,848	45,708	39,168
160,600	79,640	113,900	425,740	608,020	731,400	356,160	109,940	68,900
125,420	96,440	305,220	380,020	510,720	300,640	84,156	53,496	51,196
79,400	98,340	179,320	305,940	626,460	287,420	116,400	52,222	49,944
61,300	90,440	88,920	211,470	353,460	287,160	106,720	49,496	40,914
87,760	63,570	143,360	448,820	520,620	601,880	197,580	53,000	46,344
124,000(s)	108,000(s)	262,140	671,840	828,600	521,060	201,920	71,972	43,830
50,400(s)	56,700(s)	101,900	176,200	229,820	247,160	178,660	39,870	34,660
50,810	57,240	101,100	397,920	428,100	346,980	162,900	52,410	41,090
125,400(s)	195,000(s)	346,120	673,380	685,520	534,560	330,640	101,600	62,066
67,250	63,282	141,130	322,540	370,360	324,880	198,500	64,920	55,524
158,160	110,680	232,840	472,120	605,240	655,220	226,800	65,690	57,220
79,900	66,600	566,900	609,980	513,560	310,360	110,440	55,970	58,390
63,010	76,340	159,570	323,960	549,120	740,860	237,040	74,406	59,728
78,420	76,120	99,580	342,620	684,180	677,560	173,980	83,380	66,080
53,800	51,400	101,800	974,960	573,740	413,420	158,660	82,914	54,290
71,196	78,678	216,040	469,040	559,660	307,700	124,130	52,742	52,634
59,580	59,926	94,782	176,564	274,130	191,900	83,978	40,926	39,672
49,930	63,262	197,486	555,062	563,720	594,764	294,818	80,102	57,680
47,628	47,694	67,740	267,082	654,106	643,322	260,216	65,224	43,950
113,818	77,754	181,542	346,040	409,934	447,468	112,120	56,300	49,922
50,532	52,844	114,816	395,854	509,192	280,872	69,736	36,404	34,262
66,528	66,774	89,234	189,044	449,730	393,468	117,328	40,586	39,034
112,422	94,098	271,472	594,484	824,032	718,728	175,990	63,068	48,784
60,922	53,180	115,692	319,642	552,674	639,894	142,066	65,210	47,974
62,100	50,860	92,700	273,726	454,010	376,218	192,504	67,552	42,944
48,954	72,446	63,550	136,450	243,200	76,792	35,296	24,424	25,920
48,416	129,386	192,378	501,862	700,486	367,370	152,598	60,730	47,302
48,414	64,264	140,448	232,672	227,764	105,072	41,152	30,872	24,480
63,200	104,630	180,094	378,928	675,294	725,402	233,700	74,786	55,334
90,008	79,354	272,846	316,812	852,194	305,466	118,292	51,462	41,304
45,514	49,720	101,904	179,094	359,418	285,896	98,288	36,822	32,488
44,774	64,388	103,616	274,178	295,226	257,382	79,234	43,256	34,120
44,818	45,298	91,246	177,172	251,338	110,862	34,670	23,156	24,046
38,812	36,756	135,826	336,006	564,176	458,224	134,298	62,212	41,746
43,926	41,136	64,474	239,322	347,610	538,198	95,670	40,282	35,556
79,680	19,448	151,896	249,648	229,216	86,240	37,252	22,622	30,052
52,256	54,336	83,150	299,458	428,528	363,762	97,334	39,022	40,936
44,612	47,356	100,060	577,594	625,906	519,284	82,558	43,272	25,958
37,568	47,728	89,870	207,358	387,192	178,996	60,820	25,996	46,970
67,492	71,566	191,026	505,100	717,374	538,138	201,232	71,190	46,970
52,236	47,170	164,294	328,918	347,836	156,300	60,358	28,994	30,436

ER-IN ACRE FEET- NING 1894-95.

Chart 4.

me	July	August	September	Total
225700	152380	63620	58000	1,359,520
464280	385520	81960	57500	3,301,340
415000	143300	67250	62520	2,045,910
299360	116848	45708	39168	1,484,884
731400	356160	109920	68900	2,915,442
300640	84156	53496	51196	2,177,972
287420	116400	52222	49444	1,989,996
287160	106720	49496	40914	1,478,636
601880	147580	53000	46344	2,269,936
521060	201920	71972	43830	3,017,216
247660	78860	39870	34660	1,183,050
346980	162900	52410	41090	1,702,950
534560	335640	101600	62066	3,207,016
324880	198500	64920	55522	1,843,344
655220	226800	63690	57220	2,747,690
310360	110040	55970	56390	3,138,160
740860	233040	74906	59728	3,494,344
677560	173580	83380	66080	2,478,710
413420	158660	82962	54290	2,060,894
307700	124130	58742	52634	2,133,214
191900	83918	40926	37672	1,194,106
594164	293818	50102	53680	2,593,206
643322	260216	65224	49950	3,227,186
461268	112120	36300	49922	2,032,820
240872	69736	36404	34262	1,674,800
333468	117328	40586	39034	1,548,852
718728	175390	63068	48784	2,905,228
659894	148066	65210	47974	2,160,833
376208	192504	67552	42546	1,166,536
76742	35296	24436	25320	892,242
367370	152598	60730	47302	2,336,520
105072	41132	30872	24480	1,113,374
725602	233100	74786	55734	2,677,270
305656	118292	51462	41304	2,298,946
285896	98288	36822	32488	1,336,000
257382	79234	43256	34720	1,342,541
110862	34670	23156	24046	946,844
458224	154298	52212	41746	1,976,880
538198	99670	40282	35556	1,580,350
86740	37252	22622	24966	1,106,080
363262	97334	39022	30052	1,385,108
319284	82558	43272	40936	1,930,194
178996	60820	25996	25958	1,167,414
538138	201292	71190	46910	2,625,802
136500	60358	28454	30436	1,379,002
437,009	158,268	58,953	47,115	2,052,526

(1) Mean of 4 High Years.

(2) Substituted from 1906.

(3) Substituted from 1900.

(4) Missing Days Substituted from 1900.

(5) Missing Days Substituted from 21 Year Mean.

(6) Missing Months Substituted from 21 Year Mean.

(7) Interpolated

(8) Average of 5 Short Water Years.

27 28

2634 2628

6 6

17 17

560 567

186 184

44 43

23 24

36 36

220 220

14 14

65 66

19 19

190 200

58 65

37 36

69 67

47 47

476 484

28 28

89 96

376 349

28 27

11 12

173 161

47 48

51 53

22 22

0 10

31

5557

52

DISCHARGE
BY DAYS DURING T

No.	Name of Canal	1	2	3	4	5	6	7	8	9	
1	New York (MC #2)	1316	1305	1297	1312	1462	1634	1754	1745	1954	20
2	Penitentiary	0	0	0	0	0	0	5	5	5	
3	Bubb	0	0	0	0	0	13	13	13	14	
4	Ridenbaugh	0	0	0	0	0	0	170	230	236	2
5	Settlers	0	0	0	0	0	0	0	0	0	
6	Thurman Mill	0	0	0	30	35	35	36	36	37	
7	Consumers (Cruzen)	0	0	0	0	10	10	10	11	11	
8	Boise City	0	0	0	20	25	26	27	28	29	
9	Farmers' Union & B. V.	0	0	0	0	14	64	96	96	96	1
10	Little Union	0	0	0	0	0	0	0	0	0	
11	New Dry Creek	0	0	0	0	0	0	0	0	0	
12	Ballantine	0	0	0	0	0	0	0	0	0	
13	Middleton Water	0	0	0	0	0	0	0	60	80	
14	Middleton Mill	0	0	0	0	0	0	0	0	0	
15	Little Pioneer	0	0	0	0	0	0	0	0	0	
16	Canyon County	0	0	0	0	66	52	59	45	42	
17	7 Eagle Island Canals	0	0	0	0	0	0	0	0	0	
18	Phyllis	0	0	0	40	100	110	116	140	156	1
19	Eureka #1	0	0	0	0	0	0	0	0	0	
20	Caldwell High Line	0	0	0	0	0	0	0	0	0	
21	Farmers' Coop.	0	0	0	0	0	0	0	0	0	
22	Campbell	0	0	10	10	10	10	10	12	12	1
23	Siebenberg	0	0	0	0	0	0	0	0	0	
24	Riverside #2	0	0	0	0	0	0	0	0	0	
25	Pioneer Dixie	0	0	0	0	0	0	0	0	0	1
26	Eureka # 2	0	0	0	0	0	0	0	0	0	
27	Upper Center Point	0	0	0	0	0	0	0	0	0	
28	Lower Center Point	0	0	0	0	0	0	0	0	0	
29	Miscellaneous	0	0	0	0	0	0	0	0	0	
	Total Canal Diversions	1316	1305	1307	1412	1722	1954	2296	2421	2672	32
30	River at Notus	3760	5360	5540	5730	5490	4950	4410	3460	2110	20
	Totals	5076	6665	6847	7142	7212	6904	6706	5881	4782	52

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1939, INCLUDING STORAGE

APRIL

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1754	1745	1954	2020	2150	2200	2321	2235	2321	2394	2488	2550	2623	2662	2651	2684
5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6
13	13	14	14	14	15	15	15	16	16	16	17	17	17	17	17
170	230	236	287	299	352	425	440	488	579	545	545	545	549	549	545
0	0	0	0	20	20	61	84	109	145	164	164	164	178	182	185
36	36	37	37	38	39	40	41	42	43	44	45	46	47	46	46
10	11	11	11	12	12	12	13	13	14	14	15	15	16	16	18
27	28	29	30	31	31	32	32	33	33	34	35	36	37	36	36
96	96	96	101	116	122	135	145	154	154	170	180	192	207	210	213
0	0	0	0	0	5	5	5	5	10	12	13	14	15	15	15
0	0	0	0	0	0	0	0	0	0	26	34	45	58	59	60
0	0	0	0	0	0	0	0	0	0	10	10	12	13	14	15
0	60	80	90	107	90	132	100	107	59	120	122	145	118	120	116
0	0	0	40	55	55	47	49	30	0	6	30	40	50	59	65
0	0	0	20	20	20	25	25	25	0	0	25	26	27	28	29
59	45	42	36	64	74	84	84	84	75	66	85	93	91	89	86
0	0	0	10	12	14	16	18	20	24	28	32	36	40	44	47
116	140	156	195	225	255	290	310	312	370	410	410	410	476	476	486
0	0	0	0	0	10	10	10	10	10	20	20	24	28	28	28
0	0	0	65	65	77	89	106	116	116	116	116	106	106	106	89
0	0	0	122	140	101	122	122	165	209	227	230	310	327	327	356
10	12	12	15	18	19	20	21	22	23	24	26	28	30	30	29
0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	9
0	0	0	125	150	130	130	144	144	142	142	140	152	161	155	161
0	0	0	0	0	40	40	41	41	42	42	43	43	44	44	45
0	0	0	0	0	0	0	0	0	0	44	45	46	47	48	48
0	0	0	0	0	0	0	0	0	10	12	14	16	18	21	21
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	10	12	14	16	18	20	22	23	24	25	26	27	28
2296	2421	2672	3235	3553	3700	4072	4063	4282	4503	4816	4984	5223	5402	5411	5483
4410	3460	2110	2000	1560	1190	897	660	382	250	121	86	133	150	111	71
6706	5881	4782	5235	5113	4890	4969	4723	4664	4753	4937	5070	5356	5552	5522	5554

STORAGE

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
394	2488	2550	2623	2662	2651	2684	2696	2707	2673	2651	2634	2628	2679	2768	66514
5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	133
16	16	17	17	17	17	17	17	17	17	17	17	17	18	18	397
579	545	545	545	549	549	545	546	546	550	552	560	567	573	573	11251
145	164	164	164	178	182	185	184	186	185	182	186	184	194	186	2963
43	44	45	46	47	46	46	45	45	44	44	44	43	43	43	1114
14	14	15	15	16	16	18	19	20	21	22	23	24	25	26	413
33	34	35	36	37	36	36	36	36	36	36	36	36	0	34	841
154	170	180	192	207	210	213	213	213	213	216	220	220	220	220	4200
10	12	13	14	15	15	15	15	15	15	14	14	14	13	13	227
0	26	34	45	58	59	60	61	62	63	64	65	66	67	68	798
0	10	10	12	13	14	15	17	19	19	19	19	19	19	19	224
59	120	122	145	118	120	116	120	120	140	160	190	200	185	143	2824
0	6	30	40	50	59	65	63	82	74	66	58	65	82	73	1089
0	0	25	26	27	28	29	30	33	36	37	37	36	36	35	550
75	66	85	93	91	89	86	84	84	84	70	69	67	67	66	1868
24	28	32	36	40	44	47	47	47	47	47	47	47	47	47	717
370	410	410	410	476	476	486	486	476	476	476	476	484	504	494	9159
10	20	20	24	28	28	28	28	38	28	28	28	28	32	32	440
116	116	116	106	106	106	89	89	77	106	105	89	96	96	106	2037
209	227	230	310	327	327	356	361	368	368	373	376	349	363	395	5711
23	24	26	28	30	30	29	29	29	28	28	28	27	27	26	601
8	8	8	8	8	8	9	9	10	10	11	11	12	12	13	145
142	142	140	152	161	155	161	179	179	186	177	173	161	165	195	3291
42	42	43	43	44	44	45	45	46	46	47	47	48	48	49	841
0	44	45	46	47	48	48	49	49	50	50	51	53	56	59	695
10	12	14	16	18	21	21	21	21	21	21	22	22	22	22	284
0	0	0	0	0	0	0	0	0	0	0	0	10	13	15	38
22	23	24	25	26	27	28	29	30	31	31	31	31	31	31	510
4503	4816	4984	5223	5402	5411	5483	5524	5561	5573	5550	5557	5560	5643	5775	119875
250	121	86	133	150	111	71	75	105	123	96	52	47	45	170	42134
4753	4937	5070	5356	5552	5522	5554	5599	5666	5696	5646	5609	5607	5688	5945	162009

Chart No. 5

19	20	21	22	23	24	25	26	27	28	29	30	Total
623	2662	2651	2684	2696	2707	2673	2651	2634	2628	2679	2768	66514
6	6	6	6	6	6	6	6	6	6	6	6	133
17	17	17	17	17	17	17	17	17	17	18	18	397
545	549	549	545	546	546	550	552	560	567	573	573	11251
164	178	182	185	184	186	185	182	186	184	194	186	2963
46	47	46	46	45	45	44	44	44	43	43	43	1114
15	16	16	18	19	20	21	22	23	24	25	26	413
36	37	36	36	36	36	36	36	36	36	0	34	841
192	207	210	213	213	213	213	216	220	220	220	220	4200
14	15	15	15	15	15	15	14	14	14	13	13	227
45	58	59	60	61	62	63	64	65	66	67	68	798
12	13	14	15	17	19	19	19	19	19	19	19	224
145	118	120	116	120	120	140	160	190	200	185	143	2824
40	50	59	65	63	82	74	66	58	65	82	73	1089
26	27	28	29	30	33	36	37	37	36	36	35	550
93	91	89	86	84	84	84	70	69	67	67	66	1868
36	40	44	47	47	47	47	47	47	47	47	47	717
410	476	476	486	486	476	476	476	476	484	504	494	9159
24	28	28	28	28	38	28	28	28	28	32	32	440
106	106	106	89	89	77	106	105	89	96	96	106	2037
310	327	327	356	361	368	368	373	376	349	363	395	5711
28	30	30	29	29	29	28	28	28	27	27	26	601
8	8	8	9	9	10	10	11	11	12	12	13	145
152	161	155	161	179	179	186	177	173	161	165	195	3291
43	44	44	45	45	46	46	47	47	48	48	49	841
46	47	48	48	49	49	50	50	51	53	56	59	695
16	18	21	21	21	21	21	21	22	22	22	22	284
0	0	0	0	0	0	0	0	0	10	13	15	38
25	26	27	28	29	30	31	31	31	31	31	31	510
5223	5402	5411	5483	5524	5561	5573	5550	5557	5560	5643	5775	119875
133	150	111	71	75	105	123	96	52	47	45	170	42134
5356	5552	5522	5554	5599	5666	5696	5646	5609	5607	5688	5945	162009

DISCHARGE,
BY DAYS DURING THE

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC #2)	2808	2841	2836	2852	2864	2880	2852	2858	2847	2847
2	Penitentiary	8	8	8	8	8	8	8	9	9	9
3	Bubb	19	19	19	19	19	20	20	20	20	20
4	Ridenbaugh	583	555	555	531	531	531	531	531	545	535
5	Settlers	187	186	188	188	188	189	189	189	189	189
6	Thurman Mill	42	42	42	42	41	41	41	41	40	40
7	Consumers (Cruzen)	27	28	28	28	28	28	28	27	27	27
8	Boise City	35	37	35	37	36	35	36	36	27	0
9	Farmers' Union & B.V.	223	223	223	223	223	232	233	229	228	230
10	Little Union	13	13	13	13	13	12	12	12	11	11
11	New Dry Creek	70	72	77	76	77	72	68	69	69	68
12	Ballantine	18	18	18	18	18	18	18	17	17	17
13	Middleton Water	157	155	170	186	189	192	192	192	197	195
14	Middleton Mill	81	73	79	85	83	81	79	77	63	63
15	Little Pioneer	34	34	33	33	33	34	34	35	35	36
16	Canyon County	66	66	79	79	79	79	79	79	79	80
17	7 Eagle Island Canals	47	47	47	47	47	47	47	47	47	47
18	Phyllis	494	494	494	512	508	508	508	508	508	458
19	Eureka # 1	32	32	32	32	32	32	32	32	38	38
20	Caldwell High Line	92	92	86	85	86	81	81	82	82	87
21	Farmers' Coop.	390	397	400	385	390	400	390	402	402	400
22	Campbell	25	25	24	23	22	24	26	28	30	32
23	Siebenberg	14	15	16	17	18	18	17	17	16	16
24	Riverside #2	244	243	236	239	234	233	228	227	230	221
25	Pioneer Dixie	49	50	50	51	51	52	52	53	53	54
26	Eureka #2	62	65	68	71	74	75	76	77	78	79
27	Upper Center Point	23	23	23	23	24	23	22	21	20	19
28	Lower Center Point	18	20	22	24	27	26	24	22	20	18
29	Miscellaneous	31	31	31	31	31	31	31	31	31	31
	Total Canal Diversion	5892	5904	5932	5958	5974	6002	5954	5968	5958	5867
30	River At Notus	645	1700	2530	2870	2870	2780	2440	1740	1110	839
	Totals	6537	7604	8462	8828	8844	8782	8394	7708	7068	6706

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1939, INCLUDING STORAGE

MAY

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1852	2858	2847	2847	2836	2830	2813	2785	2808	2752	2735	2740	2757	2740	2740	2270
8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19
531	531	545	535	542	542	540	540	560	568	580	566	566	586	582	586
189	189	189	189	189	189	189	190	192	191	191	191	191	187	191	192
41	41	40	40	40	40	39	39	39	39	38	38	38	38	39	40
28	27	27	27	27	27	27	27	26	26	26	26	26	27	28	29
36	36	27	0	38	39	38	37	36	39	40	40	39	41	36	36
233	229	228	230	229	217	217	216	217	216	217	215	215	219	214	216
12	12	11	11	11	10	10	10	9	9	8	8	7	6	7	8
68	69	69	68	70	70	69	69	77	80	80	80	74	74	57	52
18	17	17	17	17	17	17	17	16	16	16	16	15	15	15	15
192	192	197	195	205	203	195	182	169	190	195	195	178	181	138	95
79	77	63	63	58	55	41	56	71	76	79	74	68	70	51	32
34	35	35	36	36	37	37	38	38	39	39	40	41	42	40	38
79	79	79	80	80	80	81	81	81	81	82	82	82	82	78	74
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
508	508	508	458	458	458	458	458	460	460	464	464	464	464	444	454
32	32	38	38	38	38	38	36	36	36	36	36	36	33	36	32
81	82	82	87	90	91	97	98	98	100	100	88	90	84	77	76
390	402	402	400	407	402	397	397	397	400	397	395	397	392	382	385
26	28	30	32	34	36	38	40	41	42	42	41	41	40	40	39
17	17	16	16	15	15	14	14	13	13	13	13	13	13	13	13
228	227	230	221	229	233	232	231	230	224	231	231	224	231	230	230
52	53	53	54	54	55	56	57	58	59	59	59	59	59	60	60
76	77	78	79	80	81	82	83	84	86	83	80	77	74	71	68
22	21	20	19	18	18	17	17	16	15	15	15	15	14	14	14
24	22	20	18	16	14	12	10	9	8	8	9	9	10	10	11
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
5954	5968	5958	5867	5924	5904	5861	5835	5888	5872	5881	5849	5829	5828	5699	5171
2440	1740	1110	839	768	724	615	530	444	404	630	763	686	785	655	448
8394	7708	7068	6706	6692	6628	6476	6365	6332	6276	6511	6612	6515	6613	6354	6019

GRADE

Chart No. 5

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2752	2735	2740	2757	2740	2740	2270	2205	2185	2075	1968	1662	1584	1520	1648	1915
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
20	20	20	20	19	19	19	18	18	17	17	16	16	16	16	16
568	580	566	566	586	582	586	562	574	536	529	533	524	521	521	521
191	191	191	191	187	191	192	192	193	193	193	193	193	192	192	191
39	38	38	38	38	39	40	41	42	43	45	47	46	45	44	43
26	26	26	26	27	28	29	30	31	33	35	37	39	41	42	43
39	40	40	39	41	36	36	38	37	35	35	37	35	36	34	38
216	217	215	215	219	214	216	215	218	187	215	214	215	214	218	220
9	8	8	7	6	7	8	10	12	14	16	18	18	19	19	20
80	80	80	74	74	57	52	52	58	60	55	54	56	56	57	57
16	16	16	15	15	15	15	15	14	13	12	12	13	13	14	14
190	195	195	178	181	138	95	101	95	91	74	103	84	100	100	0
76	79	74	68	70	51	32	63	63	65	79	63	62	65	63	62
39	39	40	41	42	40	38	35	32	0	0	20	22	23	24	25
81	82	82	82	82	78	74	70	68	0	0	42	47	52	57	60
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
460	464	464	464	464	444	454	448	448	448	444	444	448	448	448	448
36	36	36	36	33	36	32	32	32	32	32	35	32	32	32	32
100	100	88	90	84	77	76	86	87	31	31	40	39	43	49	55
400	397	395	397	392	382	385	392	385	352	295	260	270	315	293	284
42	42	41	41	40	40	39	39	38	38	37	37	36	36	35	35
13	13	13	13	13	13	13	13	13	13	12	12	11	11	10	0
224	231	231	224	231	230	230	230	219	212	207	194	211	234	215	224
59	59	59	59	59	60	60	60	60	59	58	57	56	54	52	50
86	83	80	77	74	71	68	65	63	62	61	60	59	58	57	56
15	15	15	15	14	14	14	14	14	14	13	13	13	13	13	13
8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
5872	5881	5849	5829	5828	5699	5171	5124	5098	4722	4563	4303	4230	4258	4355	4524
404	630	763	686	785	655	448	274	253	188	109	90	76	49	44	42
6276	6511	6612	6515	6613	6354	5619	5398	5351	4910	4672	4393	4306	4307	4399	4566

Chart No. 5-A

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
757	2740	2740	2270	2205	2185	2075	1968	1662	1584	1520	1648	1915	78053
9	9	9	9	9	9	9	9	9	9	9	9	9	272
20	19	19	19	18	18	17	17	16	16	16	16	16	582
566	586	582	586	562	574	536	529	533	524	521	521	521	17007
191	187	191	192	192	193	193	193	193	193	192	192	191	5897
38	38	39	40	41	42	43	45	47	46	45	44	43	1275
26	27	28	29	30	31	33	35	37	39	41	42	43	929
39	41	36	36	38	37	35	35	37	35	36	34	38	1098
215	219	214	216	215	218	187	215	214	215	214	218	220	6791
7	6	7	8	10	12	14	16	18	18	19	19	20	372
74	74	57	52	52	58	60	55	54	56	56	57	57	2075
15	15	15	15	15	14	13	12	12	13	13	14	14	489
178	181	138	95	101	95	91	74	103	84	100	100	0	4699
68	70	51	32	63	63	65	79	63	62	65	63	62	2080
41	42	40	38	35	32	0	0	20	22	23	24	25	987
82	82	78	74	70	68	0	0	42	47	52	57	60	2125
47	47	47	47	47	47	47	47	47	47	47	47	47	1457
464	464	444	454	448	448	448	444	444	448	448	448	448	14522
36	33	36	32	32	32	32	32	35	32	32	32	32	1054
90	84	77	76	86	87	31	31	40	39	43	49	55	2404
397	392	382	385	392	385	352	295	260	270	315	293	284	11550
41	40	40	39	39	38	38	37	37	36	36	35	35	1064
13	13	13	13	13	13	13	12	12	11	11	10	0	421
224	231	230	230	230	219	212	207	194	211	234	215	224	7037
59	59	60	60	60	60	59	58	57	56	54	52	50	1716
77	74	71	68	65	63	62	61	60	59	58	57	56	2215
15	14	14	14	14	14	14	13	13	13	13	13	13	529
9	10	10	11	11	12	12	13	13	14	14	15	15	466
31	31	31	31	31	31	31	31	31	31	31	31	31	961
5829	5828	5699	5171	5124	5098	4722	4563	4303	4230	4258	4355	4524	170127
686	785	655	448	274	253	188	109	90	76	49	44	42	28101
6515	6613	6354	5619	5398	5351	4910	4672	4393	4306	4307	4399	4566	198228

DISCHARGE
BY DAYS DURING

No.	Name of Canal	1	2	3	4	5	6	7	8	9	
1	New York Canal (MC## 2)	2055	1939	1657	1393	1305	1290	1223	1187	1198	11
2	Penitentiary	7	7	7	7	7	7	7	7	7	
3	Bubb	16	16	16	15	15	15	15	15	15	
4	Ridenbaugh	519	519	519	519	519	519	519	527	527	5
5	Settlers	189	189	188	188	187	187	187	185	188	1
6	Thurman Mill	42	40	38	36	35	34	33	32	32	
7	Consumers (Cruzen)	43	43	40	38	35	32	29	26	26	
8	Boise City	37	33	34	37	38	36	35	30	30	
9	Farmers' Union & B. V.	217	215	218	224	226	224	224	225	229	2
10	Little Union	21	22	21	20	19	18	17	16	15	
11	New Dry Creek	59	58	59	54	60	60	60	60	57	
12	Ballantine	15	16	16	16	16	13	11	9	7	
13	Middleton Water	84	96	100	100	100	100	98	89	89	
14	Middleton Mill	61	68	63	63	63	61	65	61	61	
15	Little Pioneer	26	28	28	29	29	30	31	32	30	
16	Canyon County	62	67	78	88	87	86	81	68	68	
17	7 Eagle Island Canals	47	47	47	47	47	47	47	47	47	
18	Phyllis	448	448	438	440	424	424	424	316	328	3
19	Eureka #1	32	28	32	32	32	32	32	32	28	
20	Caldwell High Line	71	61	71	70	69	68	67	66	65	
21	Farmers' Coop.	305	265	232	217	282	300	303	284	270	2
22	Campbell	34	34	33	33	32	32	31	31	30	
23	Siebenberg	10	10	10	9	9	9	9	8	8	
24	Riverside #2	242	219	204	195	221	237	221	210	201	1
25	Pioneer Dixie	48	47	46	45	44	43	42	41	40	
26	Eureka #2	55	57	60	63	66	69	72	75	78	
27	Upper Center Point	12	12	12	12	12	12	12	12	12	
28	Lower Center Point	15	15	15	15	15	15	15	15	15	
29	Miscellaneous	31	31	31	31	31	31	31	31	31	
	Total Canal Diversions	4803	4630	4313	4036	4025	4031	3941	3737	3732	37
30	River at Notus	46	43	38	38	38	40	46	43	43	
	Totals	4849	4673	4351	4074	4063	4071	3987	3780	3775	37

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1939, INCLUDING STORAGE

JUNE

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
5	1290	1223	1187	1198	1194	1173	1176	1238	1297	1409	1475	1405	1316	1194	1180
7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6
5	15	15	15	15	16	16	17	17	18	17	16	15	14	14	13
9	519	519	527	527	527	541	541	541	553	553	543	533	541	541	541
7	187	187	185	188	189	191	192	194	196	193	193	193	192	188	187
85	34	33	32	32	32	33	33	33	33	33	32	31	30	29	28
85	32	29	26	26	26	27	28	28	29	28	27	26	25	24	23
88	36	35	30	30	31	31	30	30	34	34	29	25	32	33	32
226	224	224	225	229	222	224	226	226	228	228	229	227	227	224	214
19	18	17	16	15	14	13	12	11	10	10	11	12	13	15	17
60	60	60	60	57	53	52	52	53	54	10	58	59	58	55	55
16	13	11	9	7	13	13	13	13	12	12	10	8	6	5	4
00	100	98	89	89	89	85	90	85	102	124	90	90	90	90	90
63	61	65	61	61	63	61	58	61	59	66	63	55	54	52	52
29	30	31	32	30	28	26	24	21	16	35	34	34	33	33	32
87	86	81	68	68	84	69	62	56	49	80	87	58	54	50	47
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
24	424	424	316	328	328	328	328	328	320	320	330	330	330	324	324
32	32	32	32	28	28	28	28	28	32	34	32	32	32	32	22
69	68	67	66	65	63	74	73	71	41	52	52	42	39	38	42
82	300	303	284	270	267	257	230	199	194	204	282	308	293	308	286
32	32	31	31	30	29	28	27	26	25	24	22	21	20	19	18
9	9	9	8	8	8	8	9	9	9	10	10	10	11	11	12
21	237	221	210	201	194	194	182	163	142	138	212	203	206	206	202
44	43	42	41	40	40	41	41	41	42	42	42	42	42	41	41
66	69	72	75	78	72	66	60	54	49	44	45	46	48	50	52
12	12	12	12	12	12	11	11	11	10	10	10	9	9	5	2
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
25	4031	3941	3737	3732	3722	3690	3643	3637	3654	3810	4034	3913	3814	3680	3625
38	40	46	43	43	42	42	42	40	36	36	44	47	49	60	63
63	4071	3987	3780	3775	3764	3732	3685	3677	3690	3846	4078	3960	3863	3740	3688

Chart No. 5-B

17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
405	1316	1194	1180	1216	1290	1397	1528	1562	1611	1621	1653	1731	1772	42685
6	6	6	6	6	6	6	6	6	6	6	6	6	6	196
15	14	14	13	13	13	13	13	13	13	13	13	13	13	441
533	541	541	541	541	541	541	447	444	444	444	444	444	444	15376
193	192	188	187	182	182	182	174	174	171	151	133	127	129	5401
31	30	29	28	27	28	29	30	31	32	33	33	33	33	978
26	25	24	23	22	22	22	22	23	23	23	23	23	23	829
25	32	33	32	32	33	33	32	31	30	30	31	30	29	962
227	227	224	214	207	207	196	185	185	186	206	185	143	145	6322
12	13	15	17	19	19	20	20	20	20	20	20	19	18	502
59	58	55	55	58	59	59	60	62	62	62	49	39	46	1642
8	6	5	4	3	5	7	8	10	12	14	17	14	11	329
90	90	90	90	88	94	100	108	92	100	100	71	73	70	2777
55	54	52	52	49	45	41	53	63	52	63	45	36	35	1692
34	33	33	32	32	32	31	30	29	35	41	47	38	30	924
58	54	50	47	44	50	56	62	72	71	73	72	71	70	2022
47	47	47	47	47	47	47	47	47	47	47	47	35	35	1386
330	330	324	324	324	342	332	288	248	248	248	234	243	295	10082
32	32	32	32	22	22	32	32	32	32	32	22	25	25	894
42	39	38	42	41	46	51	57	55	61	58	72	64	55	1755
308	293	308	286	257	227	199	144	144	151	140	114	134	173	6969
21	20	19	18	17	16	15	14	13	12	11	14	17	17	695
10	11	11	12	12	13	14	15	14	13	12	11	11	11	315
203	206	206	202	174	147	132	106	99	120	123	119	123	120	5255
42	42	41	41	41	41	41	41	40	40	40	40	40	41	1256
46	48	50	52	55	58	61	65	54	43	32	30	29	31	1639
9	9	5	2	3	5	6	7	7	7	7	8	9	10	277
15	15	15	15	15	15	15	15	15	16	16	16	16	16	455
31	31	31	31	31	31	31	31	31	31	31	31	24	24	916
3913	3814	3680	3625	3578	3636	3709	3640	3616	3689	3697	3600	3610	3727	114972
47	49	60	63	51	46	40	34	28	32	34	36	32	34	1243
3960	3863	3740	3688	3629	3682	3749	3674	3644	3721	3731	3636	3642	3761	116215

DISCHA
BY DAYS DURIN

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1	New York (MC #2)	1786	1754	1676	1685	1648	1557	1520	1549	1532
2	Penitentiary	6	6	6	6	6	6	6	6	6
3	Bubb	14	14	14	14	14	14	13	13	12
4	Ridenbaugh	444	444	441	439	436	436	436	436	457
5	Settlers	130	131	132	133	133	124	122	122	121
6	Thurman Mill	33	33	33	33	33	33	32	32	31
7	Consumers (Cruzen)	24	24	24	25	25	25	26	26	27
8	Boise City	24	24	25	27	29	29	29	29	29
9	Farmers' Union & B. V.	143	143	143	143	142	143	143	145	145
10	Little Union	17	16	15	14	13	13	13	13	12
11	New Dry Creek	41	44	44	44	43	48	48	48	49
12	Ballantine	12	13	14	14	15	14	13	12	11
13	Middleton Water	67	67	69	68	68	67	82	83	58
14	Middleton Mill	47	43	36	35	35	36	52	52	48
15	Little Pioneer	28	28	28	29	29	29	30	30	31
16	Canyon County	62	62	60	62	61	60	61	62	63
17	7 Eagle Island Canals	35	35	35	35	35	35	35	35	35
18	Phyllis	310	320	320	300	300	289	274	278	279
19	Eureka # 1	25	25	25	25	26	25	25	25	25
20	Caldwell High Line	54	55	63	65	66	66	63	51	56
21	Farmers' Coop.	199	221	180	163	225	192	173	154	154
22	Campbell	16	16	15	15	14	14	13	13	12
23	Siebenberg	10	10	10	9	9	9	9	9	9
24	Riverside # 2	119	116	122	123	130	124	114	104	97
25	Pioneer Dixie	41	42	42	43	43	45	47	49	51
26	Eureka #2	33	36	39	42	45	43	42	41	40
27	Upper Center Point	11	12	12	13	13	12	11	10	9
28	Lower Center Point	16	16	16	16	16	16	15	15	14
29	Miscellaneous	24	24	24	24	24	24	24	24	24
	Total Canal Diversions	3771	3774	3663	3644	3676	3528	3471	3466	3437
30	River at Notus	44	45	40	40	43	47	44	36	31
	Totals	3815	3819	3703	3684	3719	3575	3515	3502	3468

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1939, INCLUDING STORAGE

JULY

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1520	1549	1532	1545	1621	1639	1630	1667	1621	1528	1562	1557	1528	1499	1467	13
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
13	13	12	12	11	11	11	11	11	11	11	11	11	11	11	
436	436	457	424	424	424	457	424	424	424	423	337	337	311	311	3
122	122	121	114	115	113	114	113	113	114	114	89	89	88	90	6
32	32	31	31	30	30	31	31	32	32	33	33	34	35	35	3
26	26	27	27	28	29	29	28	28	27	26	25	24	23	23	2
29	29	29	29	29	26	26	27	26	24	24	24	25	25	26	2
143	145	145	145	147	147	148	148	148	145	145	138	138	140	138	2
13	13	12	12	12	12	12	11	11	10	10	9	9	8	9	10
48	48	49	0	44	46	46	40	40	40	35	44	44	44	42	42
13	12	11	10	10	9	9	9	10	10	10	11	11	11	10	10
82	83	58	58	61	59	58	58	58	58	59	59	61	63	62	61
52	52	48	50	43	43	34	34	34	35	35	35	38	28	26	24
30	30	31	31	25	20	21	22	23	24	25	26	27	29	26	23
61	62	63	62	46	45	44	43	42	43	48	47	46	48	42	43
35	35	35	28	28	28	28	28	28	28	28	28	28	28	28	28
274	278	279	279	279	294	293	283	283	279	279	268	268	251	245	245
25	25	25	25	19	17	19	19	19	19	19	19	19	19	19	19
63	51	56	55	55	48	49	43	45	47	46	47	40	59	41	44
173	154	154	170	178	149	126	116	106	103	109	110	103	104	109	99
13	13	12	12	11	11	11	11	11	11	11	11	11	11	10	10
9	9	9	9	9	9	9	9	9	9	9	9	10	12	14	12
114	104	97	97	91	86	81	82	83	86	89	91	96	95	93	92
47	49	51	53	55	57	59	55	51	47	43	39	35	32	29	28
42	41	40	39	38	37	36	36	35	34	33	32	31	30	29	30
11	10	9	8	7	6	5	6	7	8	8	9	9	10	10	9
15	15	14	14	13	13	12	12	11	11	10	10	9	8	7	8
24	24	24	19	19	19	19	19	19	19	19	19	19	19	19	19
3471	3466	3437	3364	3454	3433	3423	3391	3334	3232	3269	3143	3106	3047	2977	2889
44	36	31	36	40	38	38	34	29	30	34	32	34	34	32	25
3515	3502	3468	3400	3494	3471	3461	3425	3363	3262	3303	3175	3140	3081	3009	2914

Chart No. 5-C

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
557	1528	1499	1467	1385	1264	1246	1235	1260	1283	1294	1305	1272	1253	46368
6	6	6	6	6	6	6	6	6	6	6	6	7	7	188
11	11	11	11	11	12	12	12	12	12	12	11	11	10	370
337	337	311	311	319	316	310	310	310	305	308	308	323	323	11821
89	89	88	90	89	89	88	87	94	88	88	88	88	88	3301
33	34	35	35	35	36	36	33	36	36	36	36	36	36	1036
25	24	23	23	22	22	22	22	22	22	22	21	21	21	760
24	25	25	26	28	28	30	29	26	27	27	27	27	27	832
138	130	140	138	138	138	140	141	145	146	147	147	147	50	4356
9	9	8	9	10	11	12	13	13	13	13	12	12	12	372
44	44	44	42	42	38	38	38	38	38	38	38	38	38	1258
11	11	11	10	10	10	10	11	11	11	11	11	11	11	345
59	61	63	62	61	61	62	62	59	65	67	65	63	60	1968
35	38	28	26	24	23	22	22	25	28	28	30	29	29	1079
26	27	29	26	23	20	17	18	19	19	19	19	18	18	751
47	46	48	42	43	40	36	43	44	44	42	37	44	44	1526
28	28	28	28	28	28	28	28	28	28	28	28	28	28	931
268	268	251	245	245	221	221	221	233	233	243	259	269	282	8398
19	19	19	19	19	19	19	19	16	19	19	19	19	19	645
47	40	59	41	44	46	23	24	42	97	67	49	49	90	1645
110	103	104	109	99	97	99	94	91	101	99	94	87	104	4109
11	11	11	10	10	10	10	10	10	10	10	10	10	11	361
9	10	12	14	12	10	10	10	10	10	10	10	10	9	302
91	96	95	93	92	86	80	78	78	78	79	75	72	75	2912
39	35	32	29	28	28	27	27	26	26	26	26	27	27	1226
32	31	30	29	30	31	32	33	33	34	35	36	37	38	1110
9	9	10	10	9	8	7	6	5	6	6	7	7	7	264
10	9	8	7	8	9	10	11	12	12	13	13	14	14	386
19	19	19	19	19	19	19	19	19	19	19	19	19	19	634
3143	3106	3047	2977	2889	2726	2672	2662	2723	2816	2812	2806	2795	2750	99254
32	34	34	32	25	25	22	25	24	26	29	17	18	18	1000
3175	3140	3081	3009	2914	2751	2694	2687	2747	2842	2831	2823	2813	2768	100254

DISCHARGE, I
BY DAYS DURING THE

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC #2)	1275	1260	1294	1301	1257	1246	1246	1246	1253	1301
2	Penitentiary	6	6	6	6	6	6	6	6	6	6
3	Bubb	10	9	9	8	8	7	7	6	6	6
4	Ridenbaugh	327	327	340	340	340	340	340	340	340	338
5	Settlers	86	84	86	86	87	88	88	83	66	60
6	Thurman Mill	36	36	35	35	34	34	33	33	32	32
7	Consumers (Cruzen)	21	21	21	21	21	20	20	20	20	21
8	Boise City	28	28	28	28	28	26	26	26	26	24
9	Farmers' Union & B.V.	65	76	84	138	134	134	134	134	134	134
10	Little Union	12	12	11	11	10	10	9	9	9	10
11	New Dry Creek	36	35	40	40	40	40	40	40	39	33
12	Ballantine	11	11	11	12	12	12	11	11	10	10
13	Middleton Water	58	57	59	62	66	66	66	66	60	53
14	Middleton Mill	28	28	28	29	30	31	32	32	27	22
15	Little Pioneer	18	18	18	19	19	19	19	19	20	20
16	Canyon County	43	42	41	46	43	45	47	45	46	46
17	7 Eagle Island Canals	28	28	28	28	28	28	28	28	28	28
18	Phyllis	291	286	297	297	297	297	297	297	297	211
19	Eureka #1	19	17	19	19	19	19	19	19	19	19
20	Caldwell High Line	92	44	45	44	50	49	41	40	34	28
21	Farmers' Coop.	134	109	89	96	101	114	110	116	110	97
22	Campbell	11	11	11	12	13	14	15	16	17	18
23	Siebenberg	9	9	9	9	9	9	9	10	12	14
24	Riverside #2	77	75	75	76	76	76	71	56	51	44
25	Pioneer Dixie	27	28	28	29	30	31	32	34	36	38
26	Eureka #2	39	41	43	40	37	34	32	30	28	26
27	Upper Center Point	8	8	8	8	7	7	7	7	6	6
28	Lower Center Point	15	15	16	16	16	16	16	16	16	16
29	Miscellaneous	19	19	19	19	19	19	19	19	19	19
	Total Canal Diversion	2829	2740	2798	2875	2837	2837	2820	2804	2767	2680
30	River at Notus	18	18	20	26	31	26	24	26	27	28
	Totals	2847	2758	2818	2901	2868	2863	2844	2830	2794	2708

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1939, INCLUDING STORAGE

AUGUST

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1246	1246	1253	1301	1368	1338	1331	1385	1393	1393	1380	1338	1283	1191	1166	1191
6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
7	6	6	6	6	6	6	6	6	7	7	7	7	7	8	8
340	340	340	338	338	351	351	351	337	337	351	351	351	351	351	351
88	83	66	60	64	67	64	64	63	62	66	66	65	65	64	62
33	33	32	32	31	30	29	28	28	27	27	27	26	26	26	25
20	20	20	21	22	23	24	24	24	24	24	24	24	24	24	24
26	26	26	24	20	25	25	25	26	27	27	27	27	26	26	25
134	134	134	134	135	135	90	85	90	89	130	130	130	130	130	130
9	9	9	10	10	11	12	13	13	13	12	12	12	11	11	11
40	40	39	33	29	24	39	40	40	40	40	39	39	39	38	38
11	11	10	10	10	10	10	10	10	9	9	8	8	8	7	7
66	66	60	53	57	63	61	66	63	66	66	65	66	67	65	67
32	32	27	22	22	32	30	28	28	31	30	28	32	37	27	24
19	19	20	20	20	20	20	20	21	23	23	22	22	22	21	21
47	45	46	46	47	48	41	45	45	44	46	42	43	44	45	45
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
297	297	297	211	0	0	0	0	0	0	0	0	0	301	321	331
19	19	19	19	19	19	19	19	19	19	19	19	16	16	19	19
41	40	34	28	43	72	67	71	64	55	50	49	41	65	52	38
110	116	110	97	94	97	80	83	81	91	99	78	73	103	78	77
15	16	17	18	19	17	15	14	13	12	11	10	9	8	8	8
9	10	12	14	12	10	10	10	10	10	10	9	9	8	8	8
71	56	51	44	70	68	72	64	55	50	49	60	63	59	62	63
32	34	36	38	35	32	30	28	26	24	24	24	24	24	23	23
32	30	28	26	28	30	32	34	36	38	38	38	38	37	37	37
7	7	6	6	8	9	9	10	10	11	11	10	10	9	9	8
16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
2820	2804	2767	2680	2576	2606	2536	2592	2570	2571	2618	2552	2487	2746	2693	2705
24	26	27	28	29	25	24	36	23	19	19	21	21	21	19	18
2844	2830	2794	2708	2605	2631	2560	2628	2593	2590	2637	2573	2508	2767	2712	2726

Chart No. 5-D

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
1338	1283	1191	1166	1191	1187	1119	1076	1133	1151	1312	1421	1430	434	38699
6	6	6	5	5	5	5	5	5	5	5	5	5	5	175
7	7	7	8	8	8	8	8	7	7	7	7	6	6	221
351	351	351	351	351	351	351	351	343	343	343	114	0	0	9739
66	65	65	64	62	62	62	62	62	62	65	65	65	65	2156
27	26	26	26	25	25	25	25	25	25	25	25	25	25	895
24	24	24	24	24	24	24	24	24	23	23	23	22	22	700
27	27	26	26	25	24	24	24	24	24	24	23	23	23	787
130	130	130	130	130	130	130	86	86	86	86	125	125	125	3550
12	12	11	11	11	10	10	10	10	10	10	9	9	9	331
39	39	39	38	38	38	37	41	41	41	41	41	41	41	1190
8	8	8	7	7	7	7	7	8	8	8	9	9	9	289
65	66	67	65	67	69	66	66	66	66	67	65	64	63	1977
28	32	37	27	24	21	30	29	28	27	28	25	23	25	872
22	22	22	21	21	21	20	20	20	20	19	19	19	18	620
42	43	44	45	45	45	46	44	41	44	48	47	46	47	1387
28	28	28	28	28	28	28	28	28	28	28	28	28	28	868
0	0	301	321	331	331	331	331	321	331	0	0	0	0	5465
19	16	16	19	19	19	19	19	19	19	19	19	19	19	581
49	41	65	52	38	38	50	38	39	35	56	58	56	56	1560
78	73	103	78	77	78	83	91	114	89	110	107	99	107	2988
10	9	8	8	8	8	9	10	11	10	9	8	8	7	362
9	9	8	8	8	7	7	6	6	7	7	8	8	8	277
60	63	59	62	63	57	58	59	52	58	59	61	59	54	1929
24	24	24	23	23	23	23	24	24	24	25	25	25	26	849
38	38	37	37	37	37	37	36	35	34	33	32	31	29	1077
10	10	9	9	8	7	6	6	6	6	6	5	5	5	238
16	16	15	15	15	14	14	14	13	13	13	12	12	12	464
19	19	19	19	19	19	19	19	19	19	19	19	19	19	589
2552	2487	2746	2693	2708	2693	2648	2559	2610	2615	2495	2405	2281	1287	80835
21	21	21	19	18	19	19	20	22	22	26	23	25	25	720
2573	2508	2767	2712	2726	2712	2667	2579	2632	2637	2521	2428	2306	1312	81555

DISCHARGE,
BY DAYS DURING THE

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC #2)	0	0	0	0	0	0	0	711	1140	1130
2	Penitentiary	0	0	0	0	0	0	3	3	3	3
3	Bubb	6	6	5	5	5	5	4	4	4	4
4	Ridenbaugh	0	0	0	0	436	436	436	436	436	436
5	Settlers	65	65	61	61	61	64	61	61	66	66
6	Thurman Mill	25	25	25	25	25	25	25	25	25	25
7	Consumers (Cruzen)	22	21	21	21	20	20	20	20	19	19
8	Boise City	21	22	22	22	22	22	21	22	23	23
9	Farmers' Union & B.V.	125	125	125	125	86	88	89	89	89	89
10	Little Union	9	9	8	8	8	8	8	8	8	8
11	New Dry Creek	41	40	40	40	35	35	33	34	34	34
12	Ballantine	9	8	8	8	7	7	7	7	7	7
13	Middleton Water	62	61	61	61	60	60	58	64	63	61
14	Middleton Mill	27	28	30	29	28	23	22	28	30	31
15	Little Pioneer	18	18	18	17	17	17	17	17	16	16
16	Canyon County	48	47	45	44	42	40	39	38	40	40
17	7 Eagle Island Canals	28	28	28	28	28	28	28	28	28	28
18	Phyllis	0	0	0	0	0	0	0	0	0	0
19	Eureka # 1	19	19	19	19	19	19	19	19	19	19
20	Caldwell High Line	61	59	57	54	52	56	39	35	31	35
21	Farmers' Coop.	99	97	108	110	112	91	105	118	97	104
22	Campbell	7	7	7	6	6	6	5	5	5	5
23	Siebenberg	8	7	7	7	6	6	6	6	6	6
24	Riverside #2	49	43	39	40	53	80	105	110	113	113
25	Pioneer Dixie	26	27	27	28	28	29	29	28	28	27
26	Eureka #2	27	30	33	36	39	43	40	39	38	37
27	Upper Center Point	5	5	6	6	7	7	7	7	7	7
28	Lower Center Point	11	11	11	10	10	10	10	10	10	10
29	Miscellaneous	19	19	19	19	19	19	19	19	19	19
	Total Canal Diversions	837	827	830	829	1231	1244	1255	1991	2404	2402
30	River at Notus	24	25	25	27	25	27	32	31	29	29
	Totals	861	852	855	856	1256	1271	1287	2022	2433	2431

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1939, INCLUDING STORAGE

SEPTEMBER

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
0	711	1140	1130	1389	1413	1301	1198	1249	1055	225	0	0	0	0	0
3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
36	436	436	436	436	436	299	252	346	346	360	360	360	248	248	248
61	61	66	66	66	65	63	65	60	60	60	60	60	62	58	58
25	25	25	25	25	20	15	12	10	10	10	10	8	8	8	3
20	20	19	19	19	19	18	18	18	18	17	17	17	16	16	16
21	22	23	23	23	0	0	0	15	14	0	0	0	0	12	0
89	89	89	89	89	89	80	80	80	54	38	38	38	38	38	30
8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7
33	34	34	34	34	33	33	33	33	5	5	5	5	5	7	7
7	7	7	7	7	6	6	6	6	6	5	5	5	5	5	4
58	64	63	61	64	67	70	72	54	36	43	39	35	35	35	33
22	28	30	31	31	32	33	34	24	13	20	20	20	20	20	16
17	17	16	16	16	10	8	8	8	8	8	6	6	6	6	6
39	38	40	40	40	36	32	28	26	26	26	25	32	32	31	29
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
0	0	0	0	171	280	304	314	324	0	0	0	0	0	0	0
19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20
39	35	31	35	36	44	45	46	46	47	42	42	43	43	44	44
05	118	97	104	114	118	229	0	10	49	49	78	110	110	124	130
5	5	5	5	4	4	4	4	3	3	3	3	2	2	2	2
6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5
05	110	113	113	118	122	165	167	160	162	162	162	162	162	162	162
29	28	28	27	27	26	26	25	25	24	24	24	23	23	23	22
40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25
7	7	7	7	6	6	6	6	5	5	5	5	4	4	4	4
10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
255	1991	2404	2402	2847	2958	2868	2498	2631	2068	1218	1014	1044	929	952	922
32	31	29	29	29	32	46	425	530	378	444	386	262	250	215	158
287	2022	2433	2431	2876	2990	2914	2923	3161	2446	1662	1400	1306	1179	1167	1080

Chart No. 5-E

18	19	20	21	22	23	24	25	26	27	28	29	30	Total
0	0	0	0	0	0	0	0	0	251	804	965	1037	13868
3	3	0	0	0	0	0	0	0	0	0	0	0	39
4	4	4	4	4	4	4	4	4	4	4	4	4	128
360	360	248	248	248	235	235	237	237	232	320	320	277	8648
60	60	62	58	58	66	66	66	66	74	74	74	74	1928
10	8	8	8	3	3	3	3	3	15	16	18	18	468
17	17	16	16	16	15	15	15	15	15	15	15	15	532
0	0	0	12	0	12	12	21	24	22	25	26	26	452
38	38	38	38	30	36	50	46	42	53	53	83	83	2168
7	7	7	7	7	6	6	6	6	6	6	6	6	214
5	5	5	7	7	7	7	7	7	7	7	25	25	663
5	5	5	5	4	4	4	4	4	4	4	4	4	173
39	35	35	35	33	32	26	20	25	30	46	63	63	1499
20	20	20	20	16	12	18	23	20	17	19	21	20	709
6	6	6	6	6	6	6	6	6	6	10	10	10	327
25	32	32	31	29	27	26	24	31	37	39	41	41	1052
28	28	28	28	28	28	28	28	28	28	28	28	28	840
0	0	0	0	0	0	0	0	0	0	0	0	0	1393
20	20	20	20	20	20	20	20	20	20	20	20	20	589
42	43	43	44	44	47	46	46	46	46	30	35	35	1332
78	110	110	124	130	126	122	146	130	118	110	84	134	3132
3	2	2	2	2	1	1	1	1	0	0	0	0	99
5	5	5	5	5	5	5	5	5	5	5	5	5	170
162	162	162	162	162	160	158	155	153	151	149	147	114	3798
24	23	23	23	22	22	22	21	21	21	20	20	20	736
29	28	27	26	25	24	23	22	21	20	19	18	17	892
5	4	4	4	4	3	3	3	3	2	2	2	2	144
0	0	0	0	0	0	0	0	0	0	0	0	0	163
19	19	19	19	19	19	19	19	19	19	19	19	19	570
1014	1044	929	952	922	920	925	948	937	1203	1844	2053	2097	46726
386	262	250	215	158	129	102	79	66	58	55	50	46	4014
1400	1306	1179	1167	1080	1049	1027	1027	1003	1261	1899	2103	2143	50740

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1939

No.	NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
1	Board of Control M. C. #2	133,028	156,106	85,370	92,736	77,398	27,736
2	Penitentiary	266	544	392	376	350	78
3	Bubb	794	1,164	882	740	442	256
4	Ridenbaugh	22,502	34,014	30,752	23,642	19,478	17,296
5	Settlers	5,926	11,794	10,802	6,602	4,312	3,856
6	Thurman Mill	2,228	2,550	1,956	2,072	1,790	936
7	Consumers	826	1,858	1,658	1,520	1,400	1,064
8	Boise City	1,682	2,196	1,924	1,664	1,574	904
9	Farmers Union & Wise	5,271	9,613	9,029	6,105	4,640	2,485
10	Boise Valley	3,129	3,969	3,615	2,607	2,460	1,851
11	New Union	454	744	1,004	744	662	428
12	New Dry Creek	1,596	4,150	3,284	2,516	2,380	1,326
13	Ballantine	448	978	658	690	578	346
14	Middleton Water	5,648	9,398	5,554	3,936	3,954	2,998
15	Middleton Mill	2,178	4,160	3,384	2,158	1,744	1,418
16	Little Pioneer	1,100	1,974	1,848	1,502	1,240	654
17	Canyon County	3,736	4,250	4,044	3,052	2,774	2,104
18	7 Eagle Island Canals	1,434	2,914	2,772	1,862	1,736	1,680
19	Phyllis	18,318	29,044	20,164	16,796	10,930	2,786
20	Eureka # 1	880	2,108	1,788	1,290	1,162	1,178
21	Caldwell High Line	4,074	4,608	3,510	3,290	3,120	2,664
22	Farmers Coop.	11,422	23,100	13,938	8,218	5,976	6,264
23	Campbell	1,202	2,128	1,390	722	724	198
24	Siebenberg	290	842	630	604	554	340
25	Riverside # 2	6,582	14,074	10,510	5,824	3,858	7,596
26	Pioneer Dixie	1,682	3,432	2,512	2,452	1,698	1,472
27	Eureka # 2	1,390	4,430	3,278	2,220	2,154	1,784
28	Upper Center Point	568	1,058	554	528	476	288
29	Lower Center Point	76	932	910	772	928	326
30	Miscellaneous	1,020	1,922	1,832	1,268	1,178	1,140
	Totals	239,750	340,254	229,944	198,508	161,670	93,452

Chart No. 6

VERSIONS IN ACRE FEET

R 30TH - BEGINNING

TABLE IN ACRE FEET, SHOWING TOTAL
 DAILY CANAL DIVERSIONS FROM BOISE RIVER
 DURING IRRIGATION SEASON OF 1939

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
028	156,106	85,370	92,736	77,398	27,736	572,374
266	544	392	376	350	78	2,006
794	1,164	882	740	442	256	4,278
502	34,014	30,752	23,642	19,478	17,296	147,654
926	11,794	10,802	6,602	4,312	3,856	43,292
228	2,550	1,956	2,072	1,790	936	11,532
826	1,858	1,658	1,520	1,400	1,064	8,326
682	2,196	1,924	1,664	1,574	904	9,944
271	9,613	9,029	6,105	4,640	2,465	37,143
129	3,969	3,615	2,607	2,460	1,851	17,631
454	744	1,004	744	662	428	4,036
596	4,150	3,284	2,516	2,380	1,326	15,252
448	978	658	690	578	346	3,698
648	9,398	5,554	3,936	3,954	2,998	31,488
178	4,160	3,384	2,158	1,744	1,418	15,042
100	1,974	1,848	1,502	1,240	654	8,318
736	4,250	4,044	3,052	2,774	2,104	19,960
434	2,914	2,772	1,862	1,736	1,680	12,398
318	29,044	20,164	16,796	10,930	2,786	98,038
880	2,108	1,788	1,290	1,162	1,178	8,406
074	4,808	3,510	3,290	3,120	2,664	21,466
422	23,100	13,938	8,218	5,976	6,264	68,918
202	2,128	1,390	722	724	198	6,364
290	842	630	604	554	340	3,260
582	14,074	10,510	5,824	3,858	7,596	48,444
682	3,432	2,512	2,452	1,698	1,472	13,248
390	4,430	3,278	2,220	2,154	1,784	15,256
568	1,058	554	528	476	288	3,472
76	932	910	772	928	326	3,944
1,020	1,922	1,832	1,268	1,178	1,140	8,360
9,750	340,254	229,944	198,508	161,670	93,452	1,263,578

1926	1927
375,000	642,778
29,836	60,788
1,734	1,954
2,834	3,348
108,270	132,334
35,728	47,830
8,770	7,972
10,190	8,816
8,774	9,036
22,898	44,984
4,434	3,388
14,840	16,410
3,038	4,292
14,276	18,322
3,526	3,660
23,934	29,816
14,266	19,028
7,626	7,442
19,672	13,258
13,258	15,370
15,370	434
434	44
44	
2,104	
40,800	
7,628	
12,052	
2,308	
2,634	
7,680	
947,230	1,400,000
180,000	182,000
37,700	28,750
107,282	150,930
1,272,212	1,786,132
171,642	304,290
1,100,520	1,481,842

	1915	1916	1917	1918	1919	1920	1921	1922
Board of Control	434,066	589,932	439,904	561,530	531,426	568,746	563,608	553,000
New York Stock		83,014	54,282	70,226	54,972	60,052	69,512	67,800
Penitentiary	1,066	1,464	1,452	1,530	2,426	2,580	3,032	2,900
Bubb	3,442	4,344	4,676	4,562	3,542	4,276	3,892	3,200
Ridenbaugh	98,468	103,386	97,080	112,186	101,802	106,712	128,616	120,400
Settlers	32,168	40,804	32,418	35,552	37,748	41,000	48,384	44,900
Thurman Mill	10,686	11,112	11,918	9,870	7,954	7,628	7,630	6,680
Consumers Water Corp.	19,946	22,756	17,408	28,748	25,194	25,140	23,530	23,020
Boise City	2,552	3,402	2,990	3,162	2,840	888	1,896	2,030
Farmers Union	34,500	31,804	26,042	32,644	25,110	26,646	41,360	38,980
Capital View Irr. Dist.	2,846	2,002	2,022	4,212	4,114	4,392	4,880	4,880
Boise Valley		12,936	6,438	11,374	13,296	13,704	14,142	15,410
New Union	2,940	3,178	3,902	3,048	2,890	2,496	3,392	3,270
New Dry Creek	11,983	12,500	10,466	10,698	11,154	13,972	16,000	16,712
Ballantine	1,546	2,006	1,752	2,436	3,560	2,882	2,460	3,900
Middleton Water Co.	23,480	21,404	15,982	26,044	21,004	24,332	28,232	31,016
Middleton Mill Ditch	14,688	15,094	15,666	15,240	15,106	15,290	15,078	24,190
Little Pioneer	5,716	6,620	5,466	5,904	5,966	6,802	5,822	6,632
Canyon Water Co.	15,190	18,034	14,158	16,034	15,254	14,356	21,414	23,218
7 Eagle Island Canals	11,394	14,164	12,204	14,968	13,196	12,702	13,308	12,212
Phyllis Canal	69,324	109,026	108,926	108,282	108,698	104,416	115,540	115,740
Eureka Water Company	4,578	5,334	3,574	5,226	6,094	5,264	5,166	6,390
Caldwell High Line	23,004	18,100	18,476	16,110	13,372	12,016	18,678	17,660
Farmers Coop.	63,282	85,544	69,638	84,974	67,628	84,448	93,052	38,650
Campbell (Canyon)	3,044	4,614	4,492	4,070	3,706	3,710	4,974	3,924
Siebenberg	2,806	3,588	2,750	3,428	3,230	3,420	3,508	3,090
Riverside No. 2	55,240	60,956	48,584	57,268	45,704	53,966	67,906	41,180
Pioneer Dixie	5,144	5,434	4,384	3,938	5,394	4,822	7,218	4,904
Eureka No. 2	11,438	10,626	9,170	11,156	12,264	13,334	15,280	15,412
Upper Center Point	3,240	3,262	2,348	3,024	3,276	2,912	2,850	3,472
Lower Center Point	2,262	1,850	1,558	2,542	2,062	3,278	2,052	1,784
Miscellaneous	8,852	9,292	8,102	9,930	8,566	8,458	8,610	8,118
Total Summer Diversions								
April 1 to September 30	978,838	1,217,572	1,058,228	1,279,916	1,176,828	1,254,640	1,361,022	1,305,946
New York Canal Diversions								
October 1 to March 31								
Irrigation Requirements Below Diversion		93,356	157,484	163,000	185,000	211,000	164,000	
Dam During October		39,100	33,996	27,106	17,806	24,070	35,892	
Amount Passing Diversion Dam								
From November 1 to April 1		170,196	165,570	121,418	137,420	119,294	134,784	
Total		1,360,880	1,636,966	1,488,352	1,594,866	1,715,386	1,640,622	1,440,730
Summer Return Flow	194,850	353,506	314,462	371,632	279,366	232,512	362,928	294,100
Natural Flow Used			1,046,418	1,265,334	1,208,986	1,362,354	1,352,458	1,346,522
Combined with Board of Control								

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET
APRIL 1ST TO SEPTEMBER 30TH - BEGINNING 1915

1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
31,426	568,746	563,608	553,022	643,878	201,622	611,376	375,000	642,778	576,716	574,030
64,972	60,052	69,512	67,838	71,808	35,298	60,074	29,836	60,788	51,718	41,366
2,426	2,580	3,032	2,940	3,100	772	2,122	1,734	1,954	2,144	1,650
3,542	4,276	3,892	3,212	4,048	2,818	3,202	2,834	3,348	3,712	3,688
01,802	106,712	128,616	120,472	135,908	87,636	135,696	108,210	132,334	132,446	120,884
87,748	41,000	48,384	44,966	47,634	31,326	52,862	35,728	47,830	43,340	41,540
7,954	7,628	7,630	6,686	9,316	7,244	8,976	8,770	7,972	9,516	9,784
25,194	25,140	23,530	23,024	19,344	12,560	12,646	10,190	8,816	8,350	6,808
2,840	888	1,896	2,032	1,530	8,498	9,582	8,774	9,036	7,300	8,960
25,110	26,646	41,360	38,982	44,270	24,426	46,786	22,898	44,984	37,562	33,376
4,114	4,392	4,880	4,880	5,368	3,280	4,000	4,434	3,388	4,240	3,100
13,296	13,704	14,142	15,416	17,142	14,178	12,720	14,840	16,410	16,778	15,536
2,890	2,496	3,392	3,272	3,934	3,592	3,854	3,038	4,292	3,760	3,960
11,154	13,972	16,000	16,712	16,922	12,224	18,454	14,276	18,322	17,816	15,970
3,560	2,882	2,460	3,900	4,226	3,028	2,580	3,526	3,660	3,574	3,282
21,004	24,332	28,232	31,016	29,582	26,108	34,652	23,934	29,816	27,358	21,624
15,106	15,290	15,078	24,190	26,702	13,896	28,028	14,266	19,028	19,768	18,036
5,966	6,802	5,822	6,632	7,880	6,410	9,418	7,626	7,442	8,988	8,738
15,254	14,356	21,414	23,218	22,786	18,912	19,712	18,952	19,672	18,982	18,118
13,196	12,702	13,308	12,212	13,794	11,850	13,756	11,530	13,288	12,134	11,448
08,698	104,416	115,540	115,740	125,282	61,300	125,588	70,342	115,370	113,842	95,864
6,094	5,264	5,166	6,390	5,698	6,600	5,952	6,344	6,434	6,474	5,714
13,372	12,016	18,678	17,660	15,368	16,296	14,584	18,938	11,944	14,332	17,556
67,628	84,448	93,052	38,650	89,224	39,540	89,020	52,192	91,726	79,274	69,000
3,706	3,710	4,974	3,924	5,248	3,556	4,478	3,384	4,658	5,222	3,838
3,230	3,420	3,508	3,090	3,596	2,106	3,106	2,796	2,604	2,854	2,580
45,704	53,966	67,906	41,180	54,620	30,752	47,454	40,604	63,404	51,036	41,220
5,394	4,822	7,218	4,904	9,440	7,996	8,710	7,620	8,140	11,442	8,622
12,264	13,334	15,280	15,412	16,402	12,642	11,776	12,052	11,978	12,326	10,110
3,276	2,912	2,850	3,472	3,538	3,196	2,468	2,308	1,802	2,756	2,526
2,062	3,278	2,052	1,784	2,848	3,042	2,538	2,634	2,238	2,120	3,018
8,566	8,458	8,610	8,118	9,148	7,080	8,770	7,680	8,996	8,082	7,582

76,828	1,254,640	1,361,022	1,305,946	1,469,530	719,824	1,414,940	947,230	1,424,452	1,316,162	1,229,658	1,223,770
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163,000	185,000	211,000	164,000	173,000	190,000	201,000	180,000	182,000	160,270	157,526	175,000
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27,106	17,806	24,070	35,892	29,432	37,796	31,292	37,700	28,750	36,020	41,240	33,000
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21,418	137,420	119,294	134,784	96,796	200,414	103,652	107,282	150,930	234,482	45,018	59,000
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188,352	1,594,866	1,715,386	1,640,622	1,768,758	1,048,034	1,750,884	1,272,212	1,786,132	1,746,934	1,473,442	1,409,000
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179,366	232,512	362,928	294,100	344,890	165,164	290,248	171,692	304,290	299,728	227,474	236,000
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108,986	1,362,354	1,352,458	1,346,522	1,423,868	822,870	1,460,636	1,100,520	1,481,842	1,447,206	1,245,968	1,254,000
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ACRE FEET

Chart No. 7

INNING 1915

1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
42,778	576,716	574,030	520,146	355,518	735,592	638,504	388,154	646,960	611,988	541,832
60,788	51,718	41,366	35,978	24,658						
1,954	2,144	1,650	1,492	1,474	1,680	1,466	1,672	2,358	1,998	2,164
3,348	3,712	3,688	3,558	2,926	5,184	4,266	4,030	4,136	4,142	3,978
32,334	132,446	120,884	129,062	102,584	144,474	141,694	126,502	134,870	148,178	117,806
47,830	43,340	41,540	35,554	29,674	46,690	45,061	34,142	42,992	43,732	36,478
7,972	9,516	9,784	8,748	8,720	8,264	8,434	10,700	10,450	8,802	9,442
8,816	8,350	6,808	8,584	8,322	8,236	6,562	8,000	6,424	7,344	7,048
9,036	7,300	8,960	8,938	8,484	9,638	10,388	10,524	9,496	8,470	8,758
44,984	37,562	33,376	35,482	23,854	31,744	32,136	28,848	29,988	29,716	28,022
3,388	4,240	3,100	3,880	3,298	3,354	3,374	3,950	3,400	3,406	3,362
16,410	16,778	15,536	16,998	15,608	15,252	15,654	16,468	15,254	16,034	16,038
4,292	3,760	3,960	3,558	3,706	3,328	3,508	4,112	4,178	4,374	4,442
18,322	17,816	15,970	17,140	11,870	15,524	17,648	3,764	17,350	16,110	13,630
3,660	3,574	3,282	3,338	2,918	4,354	3,432	13,796	3,532	3,386	3,288
29,816	27,358	21,624	25,942	23,214	23,096	20,018	23,312	20,772	22,764	26,276
19,028	19,768	18,036	17,178	13,390	20,590	22,844	16,528	21,020	22,260	15,006
7,442	8,988	8,738	8,584	7,608	7,990	9,194	8,762	8,974	8,424	8,802
19,672	18,982	18,118	18,958	17,144	19,132	19,872	20,470	20,528	17,896	18,180
13,288	12,134	11,448	12,274	11,030	11,714	11,446	11,162	11,392	14,348	10,998
115,370	113,842	95,844	109,970	65,170	111,016	110,312	85,148	97,746	100,138	83,308
6,434	6,474	5,714	6,800	6,090	6,462	6,370	7,624	8,174	7,662	7,318
11,944	14,332	17,556	17,530	18,938	18,562	13,004	20,360	21,714	18,320	19,698
91,726	79,274	69,000	84,294	49,120	85,240	78,830	60,256	76,344	73,100	70,164
4,658	5,222	3,838	4,526	3,956	4,100	4,886	3,584	4,318	4,528	4,284
2,604	2,854	2,580	3,030	2,510	2,422	3,448	2,482	3,244	2,574	2,658
63,404	51,036	41,220	46,956	32,014	50,662	41,020	49,060	44,988	52,910	44,172
8,140	11,442	8,622	9,296	8,540	7,556	7,938	10,196	7,942	8,848	8,072
11,978	12,326	10,110	11,982	10,130	10,210	11,440	12,650	12,588	101,158	10,864
1,802	2,756	2,526	2,952	2,668	2,970	2,656	2,288	3,024	2,584	2,688
2,238	2,120	3,018	2,622	3,102	2,772	2,812	3,962	3,010	1,630	2,552
8,996	8,082	7,582	8,206	7,532	7,492	7,606	7,554	7,558	9,534	7,378
424,452	1,316,162	1,229,658	1,223,286	885,750	1,425,210	1,305,778	1,000,060	1,304,704	1,285,358	1,138,714
182,000	160,270	157,526	175,266	141,956	157,422	125,778	166,838	169,168	170,570	153,418
28,750	36,020	41,240	31,840	25,150	26,830	40,838	37,678	33,142	80,292	26,588
150,930	234,482	45,018	59,500	50,794	68,384	69,956	55,018	51,396	19,088	20,768
1,786,132	1,746,934	1,473,442	1,489,892	1,103,650	1,677,846	1,542,350	1,259,594	1,558,410	1,505,308	1,339,468
304,290	299,728	227,474	235,746	171,736	343,116	273,076	198,518	240,752	265,286	217,436
1,481,842	1,447,206	1,245,968	1,254,146	931,914	1,334,730	1,269,274	1,061,076	1,317,658	1,240,022	1,122,052

Chart No. 7

29	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
030	520,146	355,518	735,592	638,504	388,154	646,960	611,988	541,832	723,112	572,374
366	35,978	24,658								
650	1,492	1,474	1,680	1,466	1,672	2,358	1,998	2,164	2,132	2,006
688	3,558	2,926	5,184	4,266	4,030	4,136	4,142	3,978	4,722	4,278
884	129,062	102,584	144,474	141,694	126,502	134,870	148,178	117,806	159,302	147,684
540	35,554	29,674	46,690	45,061	34,142	42,992	43,732	36,478	48,134	42,292
784	8,748	8,720	8,264	8,434	10,700	10,450	8,802	9,442	10,624	11,532
808	8,584	8,322	8,236	6,562	8,000	6,424	7,344	7,048	6,876	8,326
960	8,938	8,484	9,638	10,388	10,524	9,496	8,470	8,758	9,746	9,944
376	35,482	23,854	31,744	32,136	28,848	29,988	29,716	28,022	35,240	33,645
100	3,880	3,298	3,354	3,374	3,950	3,400	3,406	3,362	3,468	3,498
536	16,998	15,608	15,252	15,654	16,468	15,254	16,034	16,038	17,586	17,631
940	3,558	3,706	3,328	3,508	4,112	4,178	4,374	4,442	4,322	4,036
970	17,140	11,870	15,524	17,648	3,764	17,350	16,110	13,632	17,830	15,252
282	3,338	2,918	4,354	3,432	13,796	3,532	3,386	3,288	3,514	3,698
624	25,942	23,214	23,096	20,018	23,312	20,772	22,764	26,276	31,226	31,488
036	17,178	13,390	20,590	22,844	16,528	21,020	22,260	15,006	17,584	15,042
738	8,584	7,608	7,990	9,194	8,762	8,974	8,424	8,802	9,762	8,318
118	18,958	17,144	19,132	19,872	20,470	20,528	17,896	18,180	18,814	19,960
448	12,274	11,030	11,714	11,446	11,162	11,382	14,348	10,998	12,632	12,398
844	109,070	65,170	111,016	110,312	85,148	97,746	100,138	83,308	111,026	98,038
714	6,800	6,090	6,462	6,370	7,624	8,174	7,662	7,318	7,262	8,406
556	17,530	18,938	18,562	13,004	20,360	21,714	18,320	19,698	17,206	21,466
000	84,294	49,120	85,240	78,830	60,256	76,344	73,100	70,164	93,592	68,918
838	4,526	3,956	4,100	4,886	3,584	4,318	4,528	4,284	5,750	6,364
580	3,030	2,510	2,422	3,448	2,482	3,244	2,574	2,658	2,662	3,260
1220	46,956	32,014	50,662	41,020	49,060	44,988	52,920	44,172	66,196	48,444
622	9,296	8,540	7,556	7,938	10,196	7,942	8,848	8,072	10,414	13,248
0110	11,982	10,130	10,210	11,440	12,650	12,588	101,158	10,864	13,586	15,256
526	2,952	2,668	2,970	2,656	2,288	3,024	2,584	2,688	2,452	3,472
018	2,622	3,102	2,772	2,812	3,962	3,010	1,630	2,552	2,436	3,944
7582	8,206	7,532	7,492	7,606	7,554	7,558	9,534	7,378	8,388	8,760

0,658	1,223,286	885,750	1,425,210	1,305,778	1,000,060	1,304,704	1,285,358	1,138,714	1,477,596	1,262,578
7,526	175,266	141,956	157,422	125,778	166,838	169,168	170,570	153,418	176,440	132,524
2,240	31,840	25,150	26,830	40,838	37,678	33,142	80,292	26,588	34,398	20,550
5,018	59,500	50,794	68,384	69,956	55,018	51,396	19,088	20,768	85,150	65,456
3,442	1,489,892	1,103,650	1,677,846	1,542,350	1,259,594	1,558,410	1,505,308	1,339,488	1,773,584	1,483,118
7,474	235,746	171,736	343,116	273,076	198,518	240,752	265,286	217,436	373,294	235,740
5,968	1,254,146	931,914	1,334,730	1,269,274	1,061,076	1,317,658	1,240,022	1,122,052	1,400,290	1,247,378

TRIBUTARY

IRF

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1	Drainage District No.3	7	7	7	7	7	7	7	7	7	7
2	Davis Drain	8	8	8	8	8	7	7	7	7	7
3	Thurman Drain	12	12	12	12	12	12	12	12	12	12
4	Boise Sewer	6	6	6	6	6	6	6	6	6	6
5	Eagle Drain	12	12	12	15	15	15	18	18	18	21
6	South Middleton Drain	35	35	35	36	36	36	37	37	37	38
7	North Middleton Drain	25	26	26	26	27	27	27	27	28	30
8	Hartley Drain	2	2	2	2	2	2	2	2	2	2
9	Phyllis Waste	2	2	2	2	2	2	2	2	2	2
10	Mason Creek	2	2	2	2	2	4	4	4	4	4
11	Mason Drain	90	90	90	90	90	88	88	88	88	88
12	Indian Creek	50	51	52	53	54	55	56	57	58	59
	Total	251	253	254	259	261	261	266	267	269	276

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1	Drainage District No.3	8	8	8	8	8	8	8	8	8	8	8
2	Davis Drain	6	6	6	6	6	7	7	7	7	7	7
3	Thurman Drain	23	23	23	23	23	24	24	24	24	24	25
4	Boise Sewer	7	7	7	7	7	7	7	7	7	7	7
5	Eagle Drain	44	48	48	53	53	53	54	54	54	55	55
6	South Middleton Drain	85	98	111	124	137	136	135	134	133	133	132
7	North Middleton Drain	37	35	33	31	29	29	28	27	26	25	24
8	Hartley Drain	18	19	19	19	19	19	19	20	20	20	20
9	Phyllis Waste	5	5	5	5	5	5	5	5	5	5	5
10	Mason Creek	13	13	13	13	13	14	15	16	17	18	19
11	Mason Drain	81	81	81	81	81	81	82	83	84	85	86
12	Indian Creek	51	50	49	48	47	52	57	63	69	75	81
	Total	378	393	403	418	428	435	441	448	454	462	469

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1939

APRIL

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6
12	12	12	12	12	15	17	18	18	18	18	18	18	18	18	19
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	21	21	21	24	24	24	27	27	27	30	30	30	33	33	33
37	38	38	39	39	40	40	41	41	42	42	43	43	44	44	45
28	30	30	30	30	32	32	35	35	35	35	37	37	40	40	40
2	2	6	6	6	6	6	10	10	10	10	10	14	14	14	14
2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4
4	4	6	6	6	6	6	8	8	8	8	8	10	10	10	10
88	88	86	86	86	86	86	84	84	84	84	84	83	83	83	83
58	59	60	61	62	64	66	68	70	68	66	64	62	60	59	58
269	276	282	284	288	296	300	315	317	316	317	318	320	325	324	325

MAY

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	10
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
24	24	25	25	25	25	25	26	26	26	26	28	28	28	28	30
7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8
54	55	55	55	56	56	56	57	57	57	58	58	58	59	59	60
133	133	132	132	131	131	130	130	125	120	115	110	105	100	95	91
26	25	24	23	22	21	20	20	20	20	21	21	21	22	22	22
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	18	19	20	21	22	23	23	21	19	17	15	14	13	12	11
84	85	86	87	88	89	90	91	94	96	99	101	104	106	109	111
69	75	81	87	93	99	105	111	112	113	114	116	118	120	122	124
454	462	469	476	484	491	497	507	504	500	499	498	497	497	496	499

Chart No. 8

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
7	7	7	7	7	7	7	7	8	8	8	8	8		215
7	7	7	6	6	6	6	6	6	6	6	6	6		205
18	18	18	18	18	18	19	20	22	22	22	22	23		482
6	6	6	6	6	6	6	6	6	6	6	6	6		180
27	30	30	30	33	33	33	36	36	36	40	40	44		772
42	42	43	43	44	44	45	45	45	46	46	59	72		1256
35	35	37	37	40	40	40	42	42	44	44	41	39		1009
10	10	10	14	14	14	14	14	18	18	18	18	18		260
4	4	4	4	4	4	4	4	4	5	5	5	5		99
8	8	8	10	10	10	10	10	12	12	12	12	12		210
84	84	84	83	83	83	83	83	82	82	82	82	82		2565
68	66	64	62	60	59	58	57	56	55	54	53	52		1760
316	317	318	320	325	324	325	330	337	340	343	352	367		9013

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
9	9	9	9	9	9	10	10	10	10	10	10	10	10	275
7	7	7	7	7	7	7	8	8	8	8	8	8	8	219
26	26	28	28	28	28	30	30	30	29	29	29	29	28	810
8	8	8	8	8	8	8	8	8	8	8	8	8	8	233
57	58	58	58	59	59	60	61	62	63	62	61	60	59	1745
120	115	110	105	100	95	91	87	83	79	75	71	67	62	3397
20	21	21	21	22	22	22	23	24	25	25	26	26	27	775
20	20	20	20	20	20	20	19	18	17	16	15	14	13	584
5	5	5	5	5	5	5	5	5	5	5	5	5	5	155
19	17	15	14	13	12	11	12	13	14	15	16	17	18	500
96	99	101	104	106	109	111	109	107	105	103	101	98	95	2689
113	114	116	118	120	122	124	126	128	131	134	137	140	143	2881
500	499	498	497	497	496	499	498	496	494	490	487	482	476	14557

TRIBUTARY

IRR

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1	Drainage District "o. 3	10	10	10	10	10	10	10	10	10	11
2	Davis Drain	8	8	8	8	8	8	8	8	8	8
3	Thurman Drain	28	28	28	28	28	29	29	29	29	30
4	Boise Sewer	8	8	8	8	8	9	9	9	9	9
5	Eagle Drain	58	57	56	55	54	53	52	51	49	48
6	South Middleton Drain	57	60	63	67	71	75	79	83	87	88
7	North Middleton Drain	27	25	24	23	22	21	20	19	18	19
8	Hartley Drain	12	12	12	12	12	13	13	13	13	14
9	Phyllis Waste	4	4	4	4	4	4	4	4	4	4
10	Mason Creek	19	19	18	18	17	17	16	16	15	15
11	Mason Drain	92	92	92	92	92	92	92	92	92	91
12	Indian Creek	146	141	136	131	127	123	119	115	111	113
	Total	469	464	459	456	453	454	451	449	445	450

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1.	Drainage District No. 3	13	13	13	13	14	14	14	14	14	14	14
2	Davis Drain	8	8	7	7	7	7	7	7	7	7	7
3	Thurman Drain	27	27	27	27	27	27	27	27	27	27	27
4	Boise Sewer	9	9	9	9	9	8	8	8	8	8	8
5	Eagle Drain	56	55	55	54	54	53	52	51	50	49	48
6	South Middleton Drain	43	42	41	40	39	38	37	36	35	34	33
7	North Middleton Drain	23	23	23	23	23	23	23	22	22	22	22
8	Hartley Drain	20	20	20	20	20	20	20	20	20	20	20
9	Phyllis Waste	4	4	4	4	4	4	4	4	4	4	4
10	Mason Creek	8	9	9	10	10	11	12	13	14	15	16
11	Mason Drain	26	27	27	27	28	28	28	29	29	29	30
12	Indian Creek	87	88	88	89	89	90	91	92	93	94	95
	Total	324	325	323	323	324	323	323	323	323	323	324

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1939

JUNE

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	10	10	10	11	11	11	11	11	11	11	11	11	11	11
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
29	29	29	29	30	30	30	30	30	30	30	30	30	28	28
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
53	52	51	49	48	47	47	46	46	45	45	46	47	48	49
75	79	83	87	88	89	90	91	93	95	97	99	94	89	84
21	20	19	18	19	20	21	22	23	24	24	24	24	24	24
13	13	13	13	14	16	18	20	22	24	25	26	26	25	25
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	16	16	15	15	14	14	13	13	12	11	10	10	10	10
92	92	92	92	91	91	91	91	91	91	91	91	85	79	73
123	119	115	111	113	116	119	122	125	128	131	134	129	124	119
454	451	449	445	450	455	462	467	475	481	486	492	477	459	444

July

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
27	27	27	27	27	27	26	26	26	26	26	26	26	26	26	26
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
53	52	51	50	49	48	47	46	44	42	40	38	36	34	32	33
38	37	36	35	34	33	32	31	29	27	26	25	24	23	22	21
23	23	22	22	22	22	22	22	21	20	20	18	16	14	12	10
20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	12	13	14	15	16	17	18	18	18	18	17	17	17	16	16
28	28	29	29	29	30	30	30	30	31	31	32	32	33	33	33
90	91	92	93	94	95	96	97	96	96	94	92	90	88	86	84
323	323	323	323	323	324	323	323	318	314	309	302	296	290	282	278

Chart No. 8-A

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
11	11	11	11	11	12	12	12	12	12	12	12	12	13	13		31
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		24
30	30	30	28	28	28	28	28	28	28	28	28	28	27	27		86
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		26
45	46	47	48	49	50	51	52	53	54	55	56	57	57	56		154
97	99	94	89	84	80	76	72	68	64	60	56	52	48	44		227
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		688
25	26	26	25	25	24	24	23	23	22	22	21	21	20	20		571
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		120
11	10	10	10	10	9	9	9	9	9	8	8	8	8	8		372
91	91	85	79	73	67	61	56	51	46	41	36	31	26	26		2234
31	134	129	124	119	114	110	106	102	98	94	90	86	86	87		3482
486	492	477	459	444	429	416	403	391	378	365	352	340	330	326		12978
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
15	15	15	15	15	15	15	15	16	16	16	16	16	15	15	15	453
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	219
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	817
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	253
40	38	36	34	32	33	33	34	34	35	35	36	37	38	39	40	1330
26	25	24	23	22	21	21	21	21	21	21	21	21	21	21	21	888
20	18	16	14	12	10	10	10	10	10	10	10	10	10	10	10	524
20	20	21	21	21	21	21	20	20	19	18	17	16	15	14	13	597
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	124
18	17	17	17	16	16	16	15	15	14	14	13	13	12	11	10	432
31	32	32	33	33	33	28	23	18	13	9	13	19	25	30	33	834
94	92	90	88	86	84	84	84	84	84	85	85	86	86	87	87	2767
09	302	296	290	282	278	273	267	263	257	253	256	263	267	272	274	9238

Chart No. 8-A

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
11	11	11	11	11	12	12	12	12	12	12	12	12	13	13		33
30	30	30	28	28	28	28	28	28	28	28	28	28	27	27		24
45	46	47	48	49	50	51	52	53	54	55	56	57	57	56		86
97	99	94	89	84	80	76	72	68	64	60	56	52	48	44		26
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		154
25	26	26	25	25	24	24	23	23	22	22	21	21	20	20		227
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		688
11	10	10	10	10	9	9	9	9	9	8	8	8	8	8		571
91	91	85	79	73	67	61	56	51	46	41	36	31	26	26		120
31	134	129	124	119	114	110	106	102	98	94	90	86	86	87		372
486	492	477	459	444	429	416	403	391	378	365	352	340	330	326		2234
																3482
																12978
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
15	15	15	15	15	15	15	15	16	16	16	16	16	15	15	15	453
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	219
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	817
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	253
40	38	36	34	32	33	33	34	34	35	35	36	37	38	39	40	1330
26	25	24	23	22	21	21	21	21	21	21	21	21	21	21	21	888
20	18	16	14	12	10	10	10	10	10	10	10	10	10	10	10	524
20	20	21	21	21	21	21	20	20	19	18	17	16	15	14	13	597
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	124
18	17	17	17	16	16	16	15	15	14	14	13	13	12	11	10	432
31	32	32	33	33	33	28	23	18	13	9	13	19	25	30	33	834
94	92	90	88	86	84	84	84	84	84	85	85	86	86	87	87	2767
09	302	296	290	282	278	273	267	263	257	253	256	263	267	272	274	9238

Chart No. 8-A

	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
1	11	11	12	12	12	12	12	12	12	12	13	13		333
8	8	8	8	8	8	8	8	8	8	8	8	8		240
0	28	28	28	28	28	28	28	28	28	28	27	27		860
9	9	9	9	9	9	9	9	9	9	9	9	9		265
7	48	49	50	51	52	53	54	55	56	57	57	56		1540
4	89	84	80	76	72	68	64	60	56	52	48	44		2271
24	24	24	24	24	24	24	24	24	24	24	24	24		688
26	25	25	24	24	23	23	22	22	21	21	20	20		573
4	4	4	4	4	4	4	4	4	4	4	4	4		120
10	10	10	9	9	9	9	9	8	8	8	8	8		372
35	79	73	67	61	56	51	46	41	36	31	26	26		2234
29	124	119	114	110	106	102	98	94	90	86	86	87		3482
77	459	444	429	416	403	391	378	365	352	340	330	326		12978
	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
18	15	15	15	15	15	16	16	16	16	16	15	15	15	453
15	7	7	7	7	7	7	7	7	7	7	7	7	7	219
26	26	26	26	26	26	26	26	26	26	26	26	26	26	817
8	8	8	8	8	8	8	8	8	8	8	8	8	8	253
36	34	32	33	33	34	34	35	35	36	37	38	39	40	1330
24	23	22	21	21	21	21	21	21	21	21	21	21	21	888
16	14	12	10	10	10	10	10	10	10	10	10	10	10	524
21	21	21	21	21	20	20	19	18	17	16	15	14	13	597
4	4	4	4	4	4	4	4	4	4	4	4	4	4	124
17	17	16	16	16	15	15	14	14	13	13	12	11	10	432
32	33	33	33	28	23	18	13	9	13	19	25	30	33	834
90	88	86	84	84	84	84	84	85	85	86	86	87	87	2767
296	290	282	278	273	267	263	257	253	256	263	267	272	274	9238

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1	Drainage District No. 3	15	15	15	15	15	14	14	14	14
2	Davis Drain	7	7	7	7	7	7	7	7	7
3	Thurman Drain	25	25	25	25	25	25	25	25	25
4	Boise Sewer	8	8	8	8	8	8	8	8	8
5	Eagle Drain	41	42	42	47	41	40	40	39	39
6	South Middleton Drain	21	21	21	21	20	20	20	19	19
7	North Middleton Drain	10	10	10	10	10	10	10	10	10
8	Hartley Drain	12	11	10	9	9	9	9	9	9
9	Phyllis Waste	3	3	3	3	3	3	3	3	3
10	Mason Creek	9	8	7	6	6	6	6	6	5
11	Mason Drain	36	37	40	40	38	36	32	29	24
12	Indian Creek	88	88	89	89	88	87	86	84	82
	Total	275	275	277	280	270	265	260	253	245

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1	Drainage District No. 3	13	13	12	12	12	12	12	12	12	12
2	Davis Drain	7	7	7	7	8	8	8	8	8	8
3	Thurman Drain	24	24	24	24	24	24	24	24	24	24
4	Boise Sewer	8	8	8	8	8	8	8	8	8	8
5	Eagle Drain	40	40	40	40	40	38	36	36	36	36
6	South Middleton Drain	16	17	18	20	22	24	26	28	30	30
7	North Middleton Drain	10	11	12	13	14	15	16	17	18	18
8	Hartley Drain	8	8	8	8	7	7	7	7	7	7
9	Phyllis Waste	3	3	3	4	4	4	4	4	4	4
10	Mason Creek	11	11	11	11	10	10	10	10	10	9
11	Mason Drain	12	12	12	12	12	13	13	13	13	13
12	Indian Creek	62	62	62	62	62	63	63	63	63	63
	Total	214	216	217	221	223	226	226	230	233	232

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1939

AUGUST

	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	39	39	38	38	37	37	36	36	36	37	37	37	38	38	38
	19	19	19	18	18	18	18	17	16	16	15	14	14	13	12
	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
	6	5	5	5	5	5	5	6	7	8	8	9	9	10	10
	29	24	17	13	10	8	8	8	9	9	9	9	9	10	10
	84	82	80	78	76	74	72	70	68	67	66	65	65	64	64
	253	245	235	229	223	219	216	214	213	214	211	210	211	210	208

SEPTEMBER

	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	12	12	12	12	12	12	12	13	15	16	18	17	16	16	15
	8	8	8	8	8	8	8	9	9	10	10	10	10	9	9
	24	24	24	24	24	24	26	28	29	30	30	30	28	26	26
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	36	36	36	36	36	36	36	34	30	30	28	27	27	26	26
	26	28	30	30	30	30	36	40	45	52	58	69	70	68	67
	16	17	18	18	18	18	18	20	22	24	26	28	30	30	30
	7	7	7	7	7	7	8	9	9	9	8	8	7	7	7
	4	4	4	4	4	4	5	5	5	5	6	6	6	5	4
	10	10	10	9	9	9	9	9	10	12	15	15	15	16	14
	13	13	13	13	14	14	14	14	16	18	19	19	20	18	17
	63	63	63	63	63	64	64	65	65	66	66	67	67	68	68
	226	230	233	232	233	234	244	254	263	280	292	304	304	297	291

Chart No. 8-B

7	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
4	13	13	13	13	13	13	13	13	13	13	13	13	13	13	425
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	217
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	775
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	248
37	37	37	38	38	38	39	39	39	39	39	39	39	40	40	1207
16	15	14	14	13	12	12	11	10	10	11	12	13	14	15	498
10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	299
9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	284
4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	104
8	8	9	9	10	10	11	11	12	12	12	12	12	12	11	256
9	9	9	9	10	10	10	10	10	11	11	11	11	11	11	537
67	66	65	65	64	64	63	63	62	62	62	62	62	62	62	2250
14	211	210	211	210	208	209	208	207	208	209	210	211	213	212	7100
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
16	18	17	16	16	15	14	13	12	12	12	12	12	12		395
10	10	10	10	9	9	8	8	8	7	7	7	7	7		243
30	30	30	28	26	26	26	24	24	24	24	24	24	24		759
8	8	8	8	8	8	8	8	8	8	8	8	8	8		240
30	28	27	27	26	26	25	25	25	25	25	25	25	25		954
52	58	69	70	68	67	66	66	66	60	56	50	48	46		1284
24	26	28	30	30	30	30	30	30	30	30	30	30	30		666
9	8	8	7	7	7	6	6	6	6	6	6	6	6		215
5	6	6	6	5	4	4	4	4	4	4	4	4	4		128
12	15	15	15	16	14	14	13	12	10	10	10	10	10		334
18	19	19	20	18	17	16	14	12	12	12	12	12	12		424
66	66	67	67	68	68	69	69	70	70	71	72	73	74		1979
280	292	304	304	297	291	286	280	277	268	265	260	259	258		7621

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM CANAL DELIVERIES
 TRIBUTARY GAIN SEEPAGE GAIN NET GAIN BY MONTHS IN ACRES FEET
 IRRIGATION SEASON 1939

	APRIL	MAY	JUNE	JULY	AUGUST
Boise River at Diversion Dam	308,458	337,186	179,910	163,018	131,954
Deliveries to Canals	324,018	396,456	232,430	200,508	163,250
Tributary Gain	18,026	29,114	25,956	18,476	14,200
Seepage Gain	-2,466	30,156	26,564	19,014	17,096
Net Gain	15,560	59,270	52,520	37,490	31,296

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
 DAM, CANAL DELIVERIES, TRIBUTARY GAIN SEEPAGE GAIN, AND NET GAIN
 IRRIGATION SEASON 1939

	APRIL	MAY	JUNE	JULY	AUGUST
Boise River at Diversion Dam	5,141	5,438	2,998	2,629	2,128
Deliveries to Canals	5,400	6,393	3,874	3,234	2,633
Tributary Gain	300	469	433	298	229
Seepage Gain	-41	486	443	307	276
Net Gain	259	956	875	605	505

Chart No. 9

PRIMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM CANAL DELIVERIES
 TRIBUTARY GAIN SEEPAGE GAIN NET GAIN BY MONTHS IN ACRE FEET
 IRRIGATION SEASON 1939

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
458	337,186	179,910	163,018	131,954	61,876	1,182,402
018	396,456	232,430	200,508	163,250	101,480	1,418,142
026	29,114	25,956	18,476	14,200	15,242	121,014
466	30,156	26,564	19,014	17,096	24,362	114,726
560	59,270	52,520	37,490	31,296	39,604	235,740

IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER AT DIVERSION
 DAM, CANAL DELIVERIES, TRIBUTARY GAIN SEEPAGE GAIN, AND NET GAIN

IRRIGATION SEASON 1939

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	AVERAGE
141	5,438	2,998	2,629	2,128	1,031	3,228
400	6,393	3,874	3,234	2,633	1,691	3,871
300	469	433	298	229	254	330
-41	486	443	307	276	406	313
259	956	875	605	505	660	643

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM CANAL DELIVERIES,
 TRIBUTARY GAIN, SEEPAGE GAIN, NET GAIN BY MONTHS IN ACRE FEET

SECTION 1

	1939		
	July	August	September
Boise River at Diversion Dam	163,018	131,954	61,876
Deliveries to Canals	178,266	145,658	76,820
Tributary Gain	6,144	5,744	5,182
Seepage Gain	9,104	7,960	9,762
Net Gain	15,248	13,704	14,944

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF
 BOISE RIVER AT DIVERSION DAM, CANAL DELIVERIES, TRIBUTARY
 GAIN, SEEPAGE GAIN, AND NET GAIN

SECTION 1

	1939		
	July	August	September
Boise River at Diversion Dam	2,629	2,128	1,031
Deliveries to Canals	2,875	2,349	1,280
Tributary Gain	99	93	86
Seepage Gain	147	128	163
Net Gain	246	221	249

PRIMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM CANAL DELIVERIES,
 TRIBUTARY GAIN, SEEPAGE GAIN, NET GAIN BY MONTHS IN ACRE FEET

SECTION 1

1939

July	August	September	Total
163,018	131,954	61,876	356,848
178,266	145,658	76,820	400,744
6,144	5,744	5,182	17,070
9,104	7,960	9,762	26,826
15,248	13,704	14,944	43,896

PRIMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF
 BOISE RIVER AT DIVERSION DAM, CANAL DELIVERIES, TRIBUTARY
 GAIN, SEEPAGE GAIN, AND NET GAIN

SECTION 1

1939

July	August	September	Average
2,629	2,128	1,031	1,929
2,875	2,349	1,280	2,168
99	93	86	93
147	128	163	146
246	221	249	239

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE,
 TRIBUTARY GAIN, SEEPAGE GAIN, NET GAIN BY MONTHS IN A

SECTION 2

	1939		
	July	August	September
Boise River at Caldwell High Line	1,098	356	1,000
Deliveries to Canals	23,340	17,808	26,200
Tributary Gain	12,332	8,456	10,000
Seepage Gain	9,910	8,996	14,600
Net Gain	22,242	17,452	24,660

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF
 RIVER AT CALDWELL HIGH LINE, CANAL DELIVERIES, TRIBUTARY GAIN,
 SEEPAGE GAIN AND NET GAIN

SECTION 2

	1939		
	July	August	September
Boise River at Caldwell High Line	18	6	27
Deliveries to Canals	376	287	438
Tributary Gain	199	136	168
Seepage Gain	159	145	243
Net Gain	358	281	411

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE, CANAL DELIVERIES,
 TRIBUTARY GAIN, SEEPAGE GAIN, NET GAIN BY MONTHS IN ACRE FEET

SECTION 2

1939

	July	August	September	Total	
High Line	1,098	356	1,636	3,090	16
	23,340	17,808	26,296	67,444	33
	12,332	8,456	10,060	30,848	10
	9,910	8,996	14,600	33,506	37
	22,242	17,452	24,660	64,354	54
					23
					10
					20
					40
					20
					93
					00
					37
					45
					65
					47
					71

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE
 RIVER AT CALDWELL HIGH LINE, CANAL DELIVERIES, TRIBUTARY GAIN,

SEEPAGE GAIN AND NET GAIN

SECTION 2

1939

	July	August	September	Average	
High Line	18	6	27	17	45
	376	287	438	367	65
	199	136	168	168	47
	159	145	243	182	71
	358	281	411	350	

Chart No. 12

TABLE SHOWS

TABLE SHOWING ACRE FEET PER ACRE DIVERTED FROM
BOISE RIVER BY BOISE VALLEY CANALS

1939

TABLE

	Acre Feet Diverted	Acres Irrigated	Acre Feet Per Acre Diverted	1922	1939
*Board of Control M.C.#2	674,032	164,761	4.09	4.82	5.15
Penitentiary	2,006	429	4.67	3.98	3.00
Bubb	4,278	745	5.74	5.55	6.10
Ridenbaugh	147,684	27,000	5.47	5.65	6.20
Settlers	43,292	12,700	3.52	6.14	6.20
Thurman	11,532	1,858	6.21	6.15	7.30
Consumers	8,326	2,500	3.33	5.44	5.18
Boise City	9,944	1,903	5.23	7.45	8.23
Farmers Union & Wise	37,143	8,900	4.17	5.26	5.69
Boise Valley	17,621	2,729	6.46	5.17	6.13
New Union	4,036	688	5.87	6.15	6.01
New Dry Creek	15,252	2,720	5.61	5.27	5.76
Ballantine	3,698	700	5.28	2.84	3.80
Middleton Water	31,488	5,704	5.52	4.03	4.68
Middleton Mill	15,042	4,400	3.42	1.59	3.06
Little Pioneer	8,318	1,286	6.47	5.25	6.40
Canyon County	19,960	3,790	5.27	5.46	5.56
7 Eagle Island Canals	12,398	2,363	5.25	1.36	2.18
Phyllis	98,038	23,500	4.17	4.96	5.45
Eureka #1	8,406	1,666	5.05		
Caldwell High Line	21,466	4,010	5.35		
Farmers Coop.	68,918	15,500	4.45		
Canyon (Campbell)	6,364	802	7.94		
Siebenberg	3,260	646	5.05		
Riverside #2	48,444	10,645	4.55		
Pioneer Dixie	13,248	2,015	6.57		
Eureka #2	15,256	2,595	5.88		
Upper Center Point	3,472	621	5.59		
Lower Center Point	3,944	845	4.67		
Miscellaneous	8,360	1,493	5.60		
Total	1,263,578	309,114	4.09		

* Board of Control Diversions include New York Canal Diversions for winter months.

TABLE SHOWING ACRE FEET PER ACRE DIVERTED FROM
BOISE RIVER BY BOISE VALLEY CANALS

1939

	Acre Feet Diverted	Acres Irrigated	Acre Feet Per Acre Diverted	1922	1939
*Board of Control M.C.#2	674,032	164,761	4.09	4.82	5.00
Penitentiary	2,006	429	4.67	3.98	3.00
Bubb	4,278	745	5.74	5.55	6.00
Ridenbaugh	147,684	27,000	5.47	5.65	6.20
Settlers	43,292	12,700	3.52	6.14	6.20
Thurman	11,532	1,858	6.21	6.15	7.30
Consumers	8,326	2,500	3.33	5.44	5.18
Boise City	9,944	1,903	5.23	7.45	8.23
Farmers Union & Wise	37,143	8,900	4.17	5.26	5.69
Boise Valley	17,631	2,729	6.46	5.17	6.13
New Union	4,036	688	5.87	6.15	6.01
New Dry Creek	15,252	2,720	5.61	5.27	5.76
Ballantine	3,698	700	5.28	2.84	3.80
Middleton Water	31,488	5,704	5.52	4.03	4.68
Middleton Mill	15,042	4,400	3.42	1.59	3.06
Little Pioneer	8,318	1,286	6.47	5.25	6.40
Canyon County	19,960	3,790	5.27	5.46	5.56
7 Eagle Island Canals	12,398	2,363	5.25	1.36	2.18
Phyllis	98,038	23,500	4.17	4.96	5.45
Eureka #1	8,406	1,666	5.05		
Caldwell High Line	21,466	4,010	5.35		
Farmers Coop.	68,918	15,500	4.45		
Canyon (Campbell)	6,364	872	7.94		
Siebenberg	3,260	646	5.05		
Riverside #2	48,444	10,645	4.55		
Pioneer Dixie	13,248	2,015	6.57		
Eureka #2	15,256	2,595	5.88		
Upper Center Point	3,472	621	5.59		
Lower Center Point	3,944	845	4.67		
Miscellaneous	8,560	1,493	5.60		
Total	1,263,578	309,114	4.09		

* Board of Control Diversions include New York Canal Diversions for winter months.

TABLE SHOWI

	1916	1917	1918	1919	1920	1921	1922	1923
Canal								
Ridenbaugh	414	3.38	4.49	4.47	4.27	5.15	4.82	5.44
Settlers	331	2.64	2.89	3.02	3.33	3.93	3.98	3.87
Farmers Union	432	3.46	4.55	3.61	3.83	5.71	5.55	6.12
Boise Valley	474	2.37	4.17	4.87	5.03	5.18	5.65	6.28
New Dry Creek	460	3.85	3.93	4.51	5.14	5.88	6.14	6.22
Ballantine	347	3.03	4.22	6.16	5.00	4.25	6.15	7.31
Middleton Water	375	2.78	4.57	3.68	4.27	4.95	5.44	5.18
Middleton Mill	465	4.83	4.70	4.65	4.71	4.65	7.45	8.23
Phyllis	495	5.12	4.92	4.94	4.74	5.25	5.26	5.69
Little Pioneer	515	4.25	4.59	4.64	5.29	4.53	5.17	6.13
Canyon County	476	3.74	4.23	4.02	3.79	6.30	6.15	6.01
Farmers Coop.	558	4.49	5.48	4.36	5.45	6.00	5.27	5.76
Canyon (Campbell)	334	3.25	2.94	2.68	2.68	3.60	2.84	3.80
Siebenberg	468	3.59	4.47	4.21	4.45	4.57	4.03	4.68
Pioneer Dixie	176	1.42	1.77	1.75	1.56	2.34	1.59	3.06
Eureka No. 2	415	3.58	4.36	4.79	5.21	5.53	5.25	6.40
Upper Center Point	513	3.69	4.75	5.15	4.58	4.48	5.46	5.56
Lower Center Point	141	1.18	1.94	1.57	2.50	1.57	1.36	2.18
Total	4.33	3.84	4.35	4.15	4.32	5.09	4.96	5.45

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY 18 CANALS FROM BOISE RIVER
FOR EACH IRRIGATION SEASON FROM 1916

	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
	4.82	5.44	3.51	5.43	4.33	5.29	5.30	4.84	5.16	4.10	5.78
	3.98	3.87	2.55	4.30	2.90	3.89	3.52	3.38	2.89	2.41	3.80
	5.55	6.12	3.42	6.27	3.37	5.97	5.16	4.50	4.86	3.35	4.33
	5.65	6.28	5.20	4.66	5.54	6.01	6.15	5.69	6.23	5.72	5.59
	6.14	6.22	4.49	6.78	5.23	6.74	6.55	5.87	6.30	4.36	5.71
	6.75	7.31	5.22	4.46	6.10	6.33	6.18	5.85	5.78	5.05	7.53
	5.44	5.18	4.58	6.08	4.20	6.57	4.80	3.79	4.55	4.07	4.05
	7.45	8.23	4.28	8.64	4.40	7.50	6.09	5.56	5.29	4.15	6.34
	5.26	5.69	2.78	5.71	3.20	5.25	5.17	4.36	4.96	2.96	5.05
	5.17	6.13	4.98	7.32	5.93	5.79	6.99	6.80	6.67	5.92	6.21
	6.15	6.01	4.99	5.20	5.00	5.73	5.01	4.78	5.00	4.52	5.05
	5.27	5.76	2.55	5.75	3.37	5.92	5.11	4.45	5.48	3.17	5.50
	2.84	3.80	2.57	3.24	2.45	3.37	3.85	2.78	3.27	2.86	2.97
	4.03	4.68	2.75	4.05	3.65	3.40	3.72	3.36	3.95	3.27	3.16
	1.59	3.06	2.59	2.83	2.47	2.64	3.71	2.80	3.02	2.76	2.45
	5.25	6.40	4.94	4.60	4.71	4.68	4.81	3.95	4.68	3.95	3.99
	5.46	5.56	5.03	3.88	3.63	2.83	4.33	3.97	4.64	4.19	4.67
	1.36	2.18	2.32	1.94	2.01	1.71	6.17	2.31	2.00	2.37	2.12
	4.96	5.45	3.33	5.44	3.74	5.29	5.03	4.44	4.80	3.52	4.00

Chart NO. 14

1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
5.16	4.10	5.78	5.67	5.06	5.00	5.49	4.36	5.90	5.47
2.89	2.41	3.80	3.66	2.78	3.50	3.56	2.97	3.91	3.52
4.86	3.35	4.33	4.38	4.05	3.61	3.60	3.53	4.35	4.17
6.23	5.72	5.59	5.74	6.04	5.11	5.88	5.88	6.44	6.46
6.30	4.36	5.71	6.48	5.07	6.38	5.92	5.01	6.56	5.61
5.78	5.05	7.53	5.94	6.51	5.03	4.84	4.70	5.02	5.28
4.55	4.07	4.05	3.51	4.09	3.64	3.99	4.61	5.47	5.52
5.29	4.13	6.34	7.04	5.09	4.78	5.06	3.41	4.00	3.42
4.96	2.96	5.05	5.01	3.87	4.16	4.26	3.55	4.72	4.17
6.67	5.92	6.21	7.14	6.81	6.98	6.55	6.84	7.59	6.47
5.00	4.52	5.05	5.24	5.40	5.42	4.72	4.80	4.96	5.27
5.48	3.17	5.50	5.08	3.89	4.93	4.72	4.53	6.04	4.45
3.27	2.86	2.97	3.53	2.59	5.38	5.65	5.34	7.17	7.94
3.95	3.27	3.16	4.49	3.24	5.02	3.98	4.11	4.12	5.05
3.02	2.76	2.45	2.57	3.31	3.94	4.39	4.01	5.17	6.57
4.68	3.95	3.99	4.46	4.94	4.85	3.91	4.19	5.24	5.88
4.64	4.19	4.67	4.17	3.60	4.87	4.16	4.33	3.95	5.59
2.00	2.37	2.12	2.14	3.03	3.56	1.93	3.02	2.88	4.67
4.80	3.52	4.96	4.90	4.23	4.56	4.72	4.06	5.21	4.76

BEGINNING 1916

[illegible]

Chart 16.

CHART SHOWING HEADGATE DUTY OF WATER

IN MINERS INCHES PER ACRE FOR 18 BOISE

VALLEY CANALS.

————— Average for Four High Years. 1921-23-25-27.
 - - - - - Average for Three Low Years. 1924-26-31.
 Average for Sixteen Year Period. 1916-31 inclusive.



IN ACRE FEET, NO. 2 FOR 29,000 ON 1939
 September Total
 2,485
 17,0
 15,2
 1,326
 428
 346
 654
 2,998
 1,418
 19,960
 2,104
 13,610
 152,568
 15,042
 31,488
 19,108
 4,946
 2,568
 1,332
 5,028
 17,457

IN ACRE FEET,
 STRICT NO. 2

September Total
 1,908
 1,032
 1,016
 432
 2,568
 1,332
 5,028
 17,457

TOTAL MONTHLY DIVERSIONS IN ACRE FEET, OF
CANALS IN DRAINAGE DISTRICT NO. 2 FOR 29,000 AC
IRRIGATION SEASON 1939

Canals	April	May	June	July	August	September	Total
Farmers Union and Wise	5,271	9,613	9,029	6,105	4,640	2,485	37,143
Boise Valley	3,129	3,969	3,615	2,607	2,460	1,851	17,631
New Dry Creek	1,596	4,150	3,284	2,516	2,380	1,326	15,252
New Union	454	744	1,004	744	662	428	4,036
Ballantine	448	978	658	690	578	346	3,698
Little Pioneer	1,100	1,974	1,848	1,502	1,240	654	8,318
Middleton Water	5,648	9,398	5,554	3,936	3,954	2,998	31,488
Middleton Mill	2,178	4,160	3,384	2,158	1,744	1,418	15,042
Canyon County	3,736	4,250	4,044	3,052	2,774	2,104	19,960
Totals	23,560	39,236	32,420	23,310	20,432	13,610	152,568

TOTAL MONTHLY FLOW, IN ACRE FEET,
OF DRAINS IN DRAINAGE DISTRICT NO. 2
SEASON OF 1939

Draings	April	May	June	July	August	September	Total
Eagle Drain	1,544	3,490	3,080	2,660	2,414	1,908	15,096
Star Feeder	519	1,018	1,792	1,214	990	1,032	6,565
Watts Check	366	2,016	1,818	1,584	1,754	1,016	8,554
Long Feeder	402	1,222	1,078	1,112	700	432	4,946
South Middleton Drain	2,512	6,794	4,542	1,776	996	2,568	19,188
North Middleton Drain	2,018	1,550	1,376	1,048	598	1,332	7,922
Hartley Drain	520	1,168	1,146	1,194	568	430	5,026
Totals	7,881	17,258	14,832	10,588	8,020	8,718	67,297

TOTAL MONTHLY DIVERSIONS IN ACRE FEET, OF
CANALS IN DRAINAGE DISTRICT NO. 2 FOR 29,000 AC
IRRIGATION SEASON 1939

Canals	April	May	June	July	August	September	Total
Farmers Union and Wise	5,271	9,613	9,029	6,105	4,640	2,485	37,143
Boise Valley	3,129	3,969	3,615	2,607	2,460	1,851	17,631
New Dry Creek	1,596	4,150	3,284	2,516	2,380	1,326	15,252
New Union	454	744	1,004	744	662	428	4,036
Ballantine	448	978	658	690	578	346	3,698
Little Pioneer	1,100	1,974	1,848	1,502	1,240	654	8,318
Middleton Water	5,648	9,398	5,554	3,936	3,954	2,998	31,488
Middleton Mill	2,178	4,160	3,384	2,158	1,744	1,418	15,042
Canyon County	3,736	4,250	4,044	3,052	2,774	2,104	19,960
Totals	23,560	39,236	32,420	23,310	20,432	13,610	152,568

TOTAL MONTHLY FLOW, IN ACRE FEET,
OF DRAINS IN DRAINAGE DISTRICT NO. 2
SEASON OF 1939.

Draings	April	May	June	July	August	September	Total
Eagle Drain	1,544	3,490	3,080	2,660	2,414	1,908	15,096
Star Feeder	519	1,018	1,792	1,214	990	1,032	6,565
Watts Check	366	2,016	1,818	1,584	1,754	1,016	8,554
Long Feeder	402	1,222	1,078	1,112	700	432	4,946
South Middleton Drain	2,512	6,794	4,542	1,776	996	2,568	19,188
North Middleton Drain	2,018	1,550	1,376	1,048	598	1,332	7,922
Hartley Drain	520	1,168	1,146	1,194	568	430	5,026
Totals	7,881	17,258	14,832	10,588	8,020	8,718	67,297

DIVERSIONS IN ACRE FEET, OF
DRAINAGE DISTRICT NO. 2 FOR 29,000 ACRES
IN SEASON 1939

August	September	Total
640	2,485	37,143
460	1,851	17,631
380	1,326	15,252
662	428	4,036
578	346	3,698
240	654	8,318
8,954	2,998	31,488
1,744	1,418	15,042
2,774	2,104	19,960
0,432	13,610	152,568

SUMMARY TABLE

Year	Canal Diversions	Drain Discharge	Used, Retained and winter run- off	1935	1936
1922	6.38	2.90	3.48	212	185
1923	6.95	2.99	3.96	815	976
1924	5.03	2.59	2.44	1204	1147
1925	6.21	2.42	3.79	669	735
1926	4.92	1.97	2.95	504	589
1927	6.28	2.62	3.66	505	713
1928	6.08	2.78	3.30	652	725
1929	5.46	2.27	3.19		
1930	5.97	2.61	3.36		
1931	5.06	1.99	3.07		
1932	5.73	2.36	3.37	1935	1936
1933	5.09	2.36	3.73		
1934	4.59	2.41	2.18	412	438
1935	4.88	2.27	2.61	305	329
1936	4.86	2.55	2.31	308	376
1937	4.73	2.31	2.36	341	381
1938	5.40	2.84	2.66		
1939	5.26	2.32	2.94		

LY FLOW, IN ACRE FEET,
RAINAGE DISTRICT NO. 2
ON OF 1939.

August	September	Total
2,414	1,908	15,096
990	1,032	6,565
1,754	1,016	8,554
700	432	4,946
996	2,568	19,188
598	1,332	7,922
568	430	5,026
8,020	8,718	67,297

SUMMARY TABLE
SHOWING RETURN FLOW

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April		447	939		1093	822	441	1075	903	650	412	681	3
May		861	1192	1214	1247	1008	629	1475	741	1228	644	350	6
June		545	1191	1341	1281	1048	817	880	963	1200	594	1123	5
July	465	498	1006	1179	756	598	697	888	836	877	372	935	4
August	276	381	727	690	785	558	630	811	713	800	341	799	37
September	469	460	739	715	938	549	596	814	618	863	311	880	49
Average	403	533	964	1027	1011	763	635	990	795	739	446	794	46

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April											243		214
May											180		137
June					227	252			242		176	328	144
July	139	122		254	270	233	203	285	239	286	134	323	209
August	70	130	194	225	263	248	118	267	180	344	183	325	176
September	201	150	199										
Average	123	137	196	242	260	242	178	281	213	315	183	325	176

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April											339		343
May											192		275
June					431	352			547		165	470	232
July	357	249	503	425	503	325	426	526	474	574	177	560	287
August	213	245	540	386	500	307	420	512	439	613	218	515	284
September	280	300											
Average	275	281	521	409	490	328	424	519	467	593	218	515	284

SUMMARY TABLE IN SECOND FEET
SHOWING RETURN FLOW TO BOISE RIVER.

RETURN FLOW TO ENTIRE RIVER

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
903	650	412	681	304	711	839	467	214	336	423	488	348	212	185	357
741	1228	644	350	638	860	983	600	758	670	1825	1300	724	815	976	685
963	1200	594	1123	588	946	1140	1077	869	694	1243	929	839	1204	1147	987
836	877	372	935	412	902	706	538	673	386	980	658	515	669	735	598
713	800	341	799	376	728	552	483	626	345	555	551	374	504	589	464
618	863	311	880	496	839	698	571	658	384	581	540	454	505	713	473
795	739	446	794	469	831	820	623	643	469	934	744	542	652	725	594

RETURN FLOW TO SECTION ONE

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
		243		214											
242		180		137		222	137	260	158	336	216	204	257	343	273
239	286	176	328	144	272	187	170	230	157	183	247	110	201	294	185
180	344	134	323	209	247	257	184	262	167	183	177	168	197	377	168
213	315	183	325	176	260	222	164	251	161	234	213	161	218	338	208

RETURN FLOW TO SECTION TWO

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
		339		343											
547		192		275		459	398	414	228	623	409	314	412	438	
474	574	165	470	232	455	365	313	395	188	372	325	264	305	329	
439	613	177	560	287	592	442	412	396	217	398	361	286	308	376	
467	593	218	515	284	524	422	374	401	211	464	365	288	341	381	303

Chart No. 18

1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
467	274	336	423	488	348	212	185	357	593	259
600	758	670	1825	1300	724	815	976	685	1355	956
1077	869	694	1243	929	839	1204	1147	987	1373	875
538	673	386	980	658	575	669	735	598	1213	605
483	626	345	555	551	374	504	589	464	753	505
571	658	384	581	540	454	505	713	473	823	660
623	643	469	934	744	542	652	725	594	1018	643

1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
137	260	158	336	216	204	257	343	273		246
170	230	157	183	247	110	201	294	185	242	221
184	262	167	183	177	168	197	377	168	233	249
164	251	161	234	213	161	218	338	208	238	239

1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
398	414	228	623	409	314	412	438	326		358
313	395	188	372	325	264	305	329	280	511	281
412	396	217	398	361	286	308	376	305	590	411
374	401	211	464	365	288	341	381	303	550	350

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT NO. 3 FOR 4200 ACRES

SEASON OF 1939

	April	May	June	July	August	September	Total
Average Daily Flow in Second Feet	7.1	8.9	11.1	14.6	13.7	13.2	11.5
Total Monthly Flow in Acre Feet	430.0	550.0	666.0	906.0	850.0	790.0	4192.0
Acre Feet per Acre	.10	.13	.16	.22	.20	.19	1.00

TABLE SHOWING TOTAL DISCHARGE OF DRAINAGE CANALS
IN DRAINAGE DISTRICT NO. 4 FOR 2500 ACRES

SEASON OF 1939

	April	May	June	July	August	September	Total	Ac
Average Daily Flow in Second Feet	16.7	26.1	24.7	26.3	25.0	25.6	24.6	
Total Monthly Flow in Acre Feet	964.0	1620.0	1720.0	1634.0	1550.0	1518.0	9006.0	
Acre Feet per Acre	.39	.65	.69	.65	.62	.61	3.60	

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT NO. 3 FOR 4200 ACRES
SEASON OF 1939

June	July	August	September	Total	Summary Table Acre Feet per Acre	
11.1	14.6	13.7	13.2	11.5	1925	1.43
					1926	1.03
					1927	1.29
666.0	906.0	850.0	790.0	4192.0	1928	1.15
					1929	1.16
3 .16	.22	.20	.19	1.00	1930	.96
					1931	.86
					1932	1.25
					1933	1.18
					1934	.89
					1935	1.04
					1936	1.43
					1937	.83
					1938	.83
					1939	1.00

TABLE SHOWING TOTAL DISCHARGE OF DRAINAGE CANALS
IN DRAINAGE DISTRICT NO. 4 FOR 2500 ACRES
SEASON OF 1939

June	July	August	September	Total	Summary Table Acre Feet per Acre	
24.7	26.3	25.0	25.6	24.6	1925	2.66
					1926	2.07
					1927	2.70
					1928	2.55
1720.0	1634.0	1550.0	1518.0	9006.0	1929	2.02
					1930	2.45
.65 .69	.65	.62	.61	3.60	1931	1.82
					1932	2.03
					1933	2.26
					1934	2.34
					1935	2.10
					1936	2.12
					1937	2.36
					1938	2.25
					1939	3.60

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

Chart No. 20

(Capacities derived from inflow and outflow. Compiled by W. G. Steward,
U.S.R.S., January 1918. Revised by W. H. Tuller, Boise Project
Board of Control, 1935)

Elev.	Storage in Acre Feet	Tabular Differ- ence	Elev.	Storage in Acre Feet	Tabular Differ- ence
			3001	1250	90
			2	1340	90
			3	1440	100
			4	1540	100
			5	1640	100
			3006	1740	100
			7	1850	110
			8	1960	110
			9	2060	120
			10	2210	130
			3011	2340	130
			12	2470	130
			13	2610	140
			14	2760	150
			15	2910	150
			3016	3070	160
			17	3240	170
			18	3420	180
			19	3600	180
2974	0		20	3800	200
75	20	20	3021	4000	200
2976	40	20	22	4200	200
77	60	20	23	4400	200
78	80	20	24	4600	200
79	100	20	25	4800	200
80	120	20	3026	5010	210
2981	140	20	27	5220	210
82	170	30	28	5430	210
83	200	30	29	5650	220
84	230	30	30	5870	220
85	270	40	3031	6090	220
2986	310	40	32	6310	220
87	350	40	33	6530	220
88	400	50	34	6770	240
89	450	50	35	7010	240
90	500	50	3036	7250	240
2991	560	60	37	7490	240
92	620	60	38	7750	260
93	680	60	39	8010	260
94	740	60	40	8270	260
95	800	60	3041	8550	280
2996	870	70	42	8850	300
97	940	70	43	9170	320
98	1010	70	44	9510	340
99	1080	70	45	9870	360
3000	1160	80			

Amount Dec
Sec. Ft. Inc.

.80 40
.80 40
1.40 70
.80 40
.54 27
.816 40
.356 17
1.60 80
1.60 80
.40 20
.203 10
.7506 37
.35 17
1.00 50
1.00 50
3.674
.80
.80
76
1.3
2.30
.60
1.10
3.00
7.00
10.00
3.20
6.00
180

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

Chart 20-A

(Capacities derived from inflow and outflow. Compiled by W. G. Steward
U.S.R.S., January 1918. Revised by W. H. Tuller, Boise Project
Board of Control, 1935)

Elev.	Storage in Acre Feet	Tabular Differ- ence	:	Elev.	Storage in Acre Feet	Tabular Differ- ence
3046	10260	390	:	3091	39500	1000
47	10660	400	:	92	40500	1000
48	11070	410	:	93	41500	1000
49	11490	420	:	94	42500	1000
50	11920	430	:	95	43500	1000
3051	12360	440	:	3096	44600	1100
52	12810	450	:	97	45700	1100
53	13270	460	:	98	46800	1100
54	13740	470	:	99	47900	1100
55	14220	480	:	3100	49000	1100
3056	14710	490	:	3101	50200	1200
57	15210	500	:	2	51400	1200
58	15720	510	:	3	52600	1200
59	16240	520	:	4	53800	1200
60	16770	530	:	5	55000	1200
3061	17310	540	:	3106	56300	1300
62	17860	550	:	7	57600	1300
63	18420	560	:	8	58900	1300
64	18990	570	:	9	60200	1300
65	19570	580	:	10	61500	1300
3066	20170	600	:	3111	62800	1300
67	20790	620	:	12	64100	1300
68	21420	630	:	13	65400	1300
69	22070	650	:	14	66700	1300
70	22730	660	:	15	68000	1300
3071	23400	670	:	3116	69400	1400
72	24090	690	:	17	70800	1400
73	24790	700	:	18	72200	1400
74	25500	710	:	19	73600	1400
75	26220	720	:	20	75000	1400
3076	26950	730	:	3121	76500	1500
77	27690	740	:	22	78000	1500
78	28450	760	:	23	79500	1500
79	29220	770	:	24	81000	1500
80	30000	780	:	25	82500	1500
3081	30800	800	:	3126	84100	1600
82	31600	800	:	27	85700	1600
83	32400	800	:	28	87300	1600
84	33200	800	:	29	88900	1600
85	34000	800	:	30	90500	1600
3086	34900	900	:	3131	92200	1700
87	35800	900	:	32	93900	1700
88	36700	900	:	33	95600	1700
89	37600	900	:	34	97300	1700
90	38500	900	:	35	99000	1700

R.

Amount	Sec. Ft.
.80	
.80	
1.40	
.80	
.54	
.816	
.356	
1.60	
1.60	
.40	
.203	
.7506	
.35	
1.00	
1.00	
3.674	
.80	
.80	
1.76	
.72	
.10	
.40	
1.60	
.80	
1.60	
.34	
.80	
1.30	
2.30	
.60	
1.10	
3.00	
7.00	

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

Chart 20-B

(Capacities derived from inflow and outflow. Compiled by W. G. Steward
U.S.R.S., January 1918. Revised by W. H. Tuller, Boise Project
Board of Control, 1935)

Elev.	Storage in Acre Feet	Tabular Differ- ence	:	Elev.	Storage in Acre Feet	Tabular Differ- ence
3136	100700	1700	:	3181	191900	2400
37	102400	1700	:	82	194300	2400
38	104100	1700	:	83	196700	2400
39	105800	1700	:	84	199100	2400
40	107500	1700	:	85	201500	2400
3141	109300	1800	:	3186	204000	2500
42	111100	1800	:	87	206500	2500
43	112900	1800	:	88	209000	2500
44	114700	1800	:	89	211500	2500
45	116500	1800	:	90	214000	2500
3146	118400	1900	:	3191	216600	2600
47	120300	1900	:	92	219200	2600
48	122200	1900	:	93	221800	2600
49	124100	1900	:	94	224400	2600
50	126000	1900	:	95	227000	2600
3151	128000	2000	:	3196	229600	2600
52	130000	2000	:	97	232200	2600
53	132000	2000	:	98	234800	2600
54	134000	2000	:	99	237400	2600
55	136000	2000	:	3200	240000	2600
3156	138000	2000	:	3201	242800	2800
57	140000	2000	:	2	245600	2800
58	142000	2000	:	3	248400	2800
59	144000	2000	:	4	251200	2800
60	146000	2000	:	5	254000	2800
3161	148100	2100	:	3206	256900	2900
62	150200	2100	:	7	259800	2900
63	152300	2100	:	8	262700	2900
64	154400	2100	:	9	265600	2900
65	156500	2100	:	10	268500	2900
3166	158600	2100	:	3211	271500	3000
67	160700	2100	:	12	274500	3000
68	162800	2100	:	13	277500	3000
69	164900	2100	:	14	280500	3000
70	167000	2100	:	15		
3171	169200	2200	:			
72	171400	2200	:			
73	173600	2200	:			
74	175800	2200	:			
75	178000	2200	:			
3176	180300	2300	:			
77	182600	2300	:			
78	184900	2300	:			
79	187200	2300	:			
80	189500	2300	:			

2967 C. L. of Sluice Gates
3018 C. L. of Lower Valves
3105 C. L. of Upper Valves
3205 Crest of Spillway Weir
3211 Top of Moveable Crest

R.

Amount
Sec. Ft.

.80	
.80	
1.40	
.80	
.54	
.816	
.356	
1.60	
1.60	
.40	
.203	
.7506	
.35	
1.00	
1.00	
3.674	
.80	
.80	
1.76	
.72	
.10	
.40	
1.60	
.80	
1.60	
.34	
.80	
1.30	
2.30	
.60	
1.10	
3.00	
7.00	
10.00	
3.20	
6.00	
1.80	
.50	
1.00	
.84	

ADDITIONAL DECREES BOISE RIVER.

Intervenors "Stewart Decree".

Number	Date	Name	Canal	Amount D. Sec. Ft.
66A	4-1-1878	J.S. Kraus	Ballantine	.80
66B	4-1-1878	H.E. Plain	Dry Creek.	.80
66C	4-1-1878	J.W. Kolander	Ballantine	1.40
66D	4-1-1878	M.T. Griffith	Ballantine	.80
73A	4-1-1880	Goble + Songer	Dry Creek	.54
75A	6-1-1880	C.B. Frank	Dry Creek	.816
136	5-1-1906	H.E. Wymer	Ballantine	.356
85A	6-1-1882	Leo Marsters	Warm Springs	1.60
137	5-1-1909	B.P. Weaverling		1.60
138	6-14-1912	Wesley A. Mace		.40
85C	5-1-1883	Wm. Huckba	Dry Creek	.203
85D	5-1-1883	C.H. Schmelzer	Ballantine	.7506
85E	5-1-1883	C.W. McChurg	Dry Creek	.35
124A	5-1-1893	W.D. Charters	"	1.00
85B	4-1-1883	Jacob Bingham	Settlers	1.00
77A	4-15-1882	Roc Helms	Riverside Irrig. D.	3.674
8A	4-1-1865	Adolph Bahler	Bahler	.80
47A	4-1-1870	"	"	.80
35A	6-1-1867	Ralph T. Knight	Canyon County	1.76
116A	6-1-1890	Anna Spencer	Riverside Irrig. D.	.72
116B	6-1-1890	Willis B. Spencer	"	.10
116C	6-1-1890	Rebecca Bell	"	.40
114A	5-1-1889	Neil + Patrick O'Donnell	O'Donnell + Barth	1.60
114B	5-1-1889	Gus A. Barth	"	.80
77A	6-1-1881	Gus A. Barth	Parma Ditch Co.	1.60
77B	6-1-1881	Charles Juries	"	.34
77C	6-1-1881	James Finlay	"	.80
77D	6-1-1881	Lester J. Shipley	"	1.30
31A	6-1-1866	Wm. Musser	Lawrence + Kennedy	2.30
31B	6-1-1866	Minnie + Jerry Couzens	Middleton Water	.60
31C	6-1-1866	Albert C. Boyer + Mary	Lawrence + Kennedy	1.10
71A	4-1-1879	Island Highline Ditch Co.		3.00
137A	4-1-1910	"	"	7.00
139	4-1-1915	"	"	10.00
75A	1880	Albert Lemp et al	Larsen + Baxter + Lemp	3.20
29A	1865	Louise Stormonson	Lemp Ditch Eagle Island	6.00
8B	4-1-1865	First Nat. Bank of Pueblo	Bubb	.80
29B	1865	S.G. Hardies + Amelia Easley	"	.50
51A	1870	"	"	1.00
116-A	1889	"	"	.84

NATIONAL DECREES BOISE RIVER. "Stewart Decree."

Name	Canal	Amount Decreed	Sec. Ft.	Dep't of Rec	File No
J.S. Kraus	Ballantine	80	40	373	40
H.E. Plain	Dry Creek	80	40	373	40
I.W. Kolander	Ballantine	140	70	373	40
M.T. Griffith	Ballantine	80	40	373	40
Coble + Sonner	Dry Creek	54	27	373	27
C.B. Frank	Dry Creek	816	40.80	380	80
H.E. Wymer	Ballantine	356	1780	325	80
Leo Masters	Warm Springs	160	80	324	80
B.P. Weaverling	Warm Springs	160	80	324	80
Wesley A. Mace	Warm Springs	160	80	294	80
Wm. Huckba	Warm Springs	40	20	293	20
C.H. Schmelzer	Ballantine	203	10.15	321	10.15
C.W. McCurdy	Dry Creek	7506	37.53	320	37.53
W.D. Charters	Dry Creek	35	17.50	319	17.50
Jacob Bingham	Settlers	100	50	318	50
Roc Helms	Settlers	100	50	317	50
Adolph Bahler	Riverside Irrig. D.	3.674	183.70	295	183.70
Adolph Bahler	Bahler	80	40	412	40
Ralph T. Knight	Canyon County	80	40	412	40
Anna Spencer	Canyon County	176	88	419	88
Willis B. Spencer	Riverside Irrig. D.	72	36	12A Misc.	36
Rebecca Bell	"	40	20	"	20
Neil + Patrick O'Donnell	O'Donnell + Barth	160	80	466	80
Gus A. Barth	"	80	40	467	40
Gus A. Barth	Farma Ditch Co.	160	80	467	80
Charles Juries	"	34	17	467	17
James Finlay	"	80	40	467	40
Lester Shipley	"	130	65	467	65
Wm. J. Lusser	Lawrence + Kennedy	230	115	482	115
Wm. J. Lusser	Widaleton Water	60	30	482	30
Albert C. Bowerman	Lawrence + Kennedy	110	55	482	55
Island Highline Ditch Co.	"	300	150	491	150
Albert Lemp et al	"	7.00	350	491	350
Louise Stomson	"	10.00	500	491	500
First Nat. Bank of Idaho	"	3.20	160	496	160
Albert Lemp et al	Lamp Ditch Eagle Island	6.00	300	496	300
Bubb	"	180	90	497	90
"	"	50	25	498	25
"	"	1.00	50	498	50
"	"	.84	42	498	42

Below Fairview B.

Secretary.

Note #1 Misc.

Indian

Rem

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREES

No. of Change of Point of D.	Point of Diversion		Date of Change	No	Priority		No of Quantity
	From.	To.			Date	Acres in Inches	
3		Eureka No 2	4-2-1912	96	10-1-87	80	
29		Canyon County	7-31-1912				
32		Canyon County	8-26-1918				50
35		Davis Ditch	7-15-1919				
36		Riverside	4-3-1919				
38		Canyon County	4-12-1918	35	6-1-67	160	100
39		Hart & Davis	9-24-1915				52
48		Plover Dike	9-26-1918				
50		Lower San Joaquin	3-31-1920	19	6-1-65		144
51		"	3-31-1920	20	6-1-65		320
54		Canyon County	4-24-1920	35	6-1-67		55 1/2
57		Middleton Water	12-2-1920	65	6-1-77	35	38
59		Kennedy	3-18-1921	31	6-1-66		130
61		Kennedy Lawrence	6-22-1921				33 1/2
64		Bollantine	12-21-1921				10
75		Middleton Mill	11-25-1924				25
76		Settlers	3-12-1925	85 B	4-1-83		50
77		Bubb	4-26-1925	84	4-1-65	80	40
83		Warm Springs	4-29-1926		4-1-70		40
84		Middleton Water	3-9-1926	65	6-1-77		36
85		Upper San Joaquin	5-7-1926				25
91		Bollantine	6-23-1926	103			32 1/2
103		Farma Ditch	10-3-1928				115
126		Lawrence Kennedy	3-25-1931		6-1-66		40
127		Borwman Swisher	8-15-1930		6-1-65		35
131		Eureka No 2	1-16-1932		9-9-83		3
140		Bollantine	4-23-1934	85 D	5-1-83		10
141		Fischer Power	12-18-1934		7-19-12		6.75
147		Mid Mill	1-8-1936		6-1-67		5
151		Bollantine	2-10-1937		5-1-93		
159		Upper Center P.	5-27-1939		6-1-65		

Chart 220

OF DIVERSION OF DECREED RIGHTS ON BOISE RIVER.

No.	Priority	No of Acres	Quantity in Inches	By Whom.	Remarks.
1912 96	10-1-87	80		Thos. T. Johnston.	
1912				Albert F. Clemmons	
1918		50	50	J. C. Hughes	
1919				Ed Davis	
1919		160	100	Rebecca Bell	
1918 35	6-1-67		19	Draper & Others.	
1915			52	Shafer & Others.	
1918				George Rambo	
1918				Jas. D. Ruark	To Indian Creek.
1920 19	6-1-65		144	John S. Swisher	
1920 20	6-1-65		320	Bird Barrman.	
1920 35	6-1-67		55 1/2	H. C. Dudley	Foot & Wiseman.
1920 65	6-1-77	35	30	Edward McClinton	
1921 31	6-1-66		130	W. Kennedy	
1921			33 1/2	Minnie Cobzens.	
1921			10	Harry Seavey.	
1924			25	Delwood & Co Bank.	
1925 85B	4-1-83		50	Jacob Bingham.	
1925 8A	4-1-65	80	40	Adolph Bahler.	
" 47A	4-1-70		40	"	
1926			36	Leo Marsters.	
1926 65	6-1-77		40	J. C. Ralph.	
1926			25	J. C. Bruce.	
1926 103			32 1/2	Ira E. Barber.	
1928				Charles Juries	Secretary.
1931	6-1-66		115	W. A. Musser.	
1930	6-1-65		40	Wm Baxter.	
1932	9-9-83		35	R. E. McGuire.	
1934 85D	5-1-83		3	Chas H Schaefer.	
1934	7-19-12			Fischer Power Only	Below Fairview Bridge
1936	6-1-67		10	Cora M Clifton.	
1937	5-1-93		6.75	J. H. Cone.	
1939	6-1-65		5	Raymond T Breshers.	

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

Number of Transfer	Point of Diversion		Priority No.	Date	Date of Transfer	Quantity In Inches	
	From	To					
34	Settlers'	Settlers'	92	10-17-84	3-16-1909)	15	Walter S
34	Settlers'	Settlers'	122	6-1-91	3-16-1909)		
36	American Ditch Assn.	Pioneer Dixie	96	10-1-87	4-19-1909	100	C. H. Ro
38	American Ditch Assn.	Canyon Ditch Co.	96	10-1-87	9-1-1909	605	Wm. H. M
45		Settlers'			2-5-1910	10	J. E. Mo
46		Penitentiary	50	6-1-66	2-4-1910	112	Barber L
47	American Ditch Assn.	Eureka No. 2	96	10-1-87	3-18-1910	1475	American
48	American Ditch Assn.	Pioneer Dixie	96	10-1-88	3-31-1910	210	Nichols S
50	Settlers'				6-7-1910	20	J. P. Cla
62	Pioneer Dixie	Eureka No. 2	96	10-1-87	11-14-1910	50	J. A. Car
71	Upper Center Point	Eureka No. 2	24	6-1-65	3-14-1911	40	J. D. Rol
105	Siebenberg	Canyon	9	6-1-65	9-18-1912	25	H. E. Hoe
111	Pioneer Dixie	Hillcrest	96	10-1-87	11-25-1912	60	H. L. Ran
111	Pioneer Dixie	Hillcrest	8	6-1-64	11-25-1912)	1017	H. L. Ran
111	Pioneer Dixie	Hillcrest	45	6-1-69	11-25-1912)		
136	Jacobs	Farmers Union	2	6-1-64	6-8-1914	1000	Boise Frui
219					7-15-1918	432	Pioneer Ir
300	Middleton Mill	Dry Creek		4-20	4-20-1921	17.5	Emma M. Fo
301	Middleton Mill	Dry Creek			4-20-1921	72	John F. Gr
347	Middleton Mill	Settlers'	3	6-1-64	2-6-1925	7	C. E. White
349	Middleton Mill	Settlers'	3	6-1-64	2-6-1925	7	Frank Wease
350	Middleton Mill	Settlers'	3	6-1-64	2-6-1925	7	Carl A. Cis
357	Middleton Water	Settlers'	65	6-1-77	5-19-25	10	Nellie E. S
370	Boise City	Farmers Union	33	6-1-66	3-16-1926	56.2	Henry W. Ba
373	Boise City	Farmers Union	33	6-1-66	4-26-1926	18.7	L. A. Rice
374	Middleton Water #1	Farmers Union	65	6-1-77	5-6-1926	20	H. D. Parks
375	Middleton Water	Farmers Union	65	6-1-77	5-6-1926	10	A. G. Wing
384	Middleton Water	Farmers Union	65	6-1-77	7-8-1926	20	Mary F. Leac
385	Middleton Water	Farmers Union	65	6-1-77	7-8-1926	13.3	H. E. McGonn
386	Middleton Water	Farmers Union	65	6-1-77	7-8-1926	20	H. W. Bartle
387	Middleton Water	Farmers Union	65	6-1-77	7-8-1926	20	E. E. Smith
391	Middleton Mill	Farmers Union	65	6-1-77	8-13-1926	7.5	Rush Chase
392	Middleton Water	Ridenbaugh	65	6-1-77	8-21-1926	20	Fred Eggers
393	Middleton Mill	Farmers Union	3	6-1-54)			
393	Middleton Mill	Farmers Union	58	6-1-61)	9-15-1926	14.4	A. G. Bover
393	Middleton Mill	Farmers Union	120	6-1-91)			
393	Middleton Mill	Farmers Union	65	6-1-77	11-16-1926	25	G. R. McQuir
395	Middleton Water	Farmers Union		6-1-82	12-2-1927	20	Chas. F. Mac
412	Thurman	Settlers'	65	6-1-77	7-2-1928	12.5	J. A. Peters
430	Farmers Union	New York	106	8-20-88	7-6-1929	445	W. H. Toller
466	Ridenbaugh	Settlers'	65	6-1-77	7-12-1929	5	C. G. Wood
468	Settlers'	Settlers'		10-12-84	11-18-1929	10	Chas. H. Wall
477	Settlers'	Settlers'		10-13-84	4-7-1930	3	Frank F. Wood
483	Settlers'	Settlers'		6-1-64	5-27-1932	90	W. Scott An
512	Jacobs Canal	Farmers Union	2	6-1-64	5-27-1932	25	Farmers Union
513	Jacobs Canal	Farmers Union	1	6-1-64	5-15-1934	15	A. B. Holmg
530	Jacobs Ditch	Farmers Union	2	6-1-64	12-31-1934	34.37	Federal Land
542	Farmers Union	Nampa-Meridian	1	6-1-64	9-9-1938	15	Boise Trust
595	Jacobs Canal	Settlers'	1	6-1-64	9-9-1938	15	Boise Tr

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

Priority	Date	Date Of Transfer	Quantity In Inches	By Whom Transferred	Remarks
	10-17-84	3-16-1909)	15	Walter S. Bruce	
	6-1-91	3-16-1909)			
	10-1- 87	4-19-1909	100	C. H. Rosenberger	Change in point of diversion only.
	10-1- 87	9- 1-1909	605	Wm. M. Messler	
		2- 5-1910	10	J. E. Moore	
	6-1- 66	2-4 -1910	112	Barber Lumber Co.	
	10-1- 87	3-18-1910	1475	American Ditch Association	Change in point of diversion only.
	10-1- 88	3-31-1910	210	Nichols & Cooper	Change in point of diversion only.
		6- 7-1910	20	J. P. Cleek	
	10-1- 87	11-14-1910	50	J. A. Cartright	
	6-1- 65	3-14-1911	40	J. D. Roland	Change in point of diversion only.
	6-1- 65	9-18-1912	25	H. E. Meek	
	10-1- 87	11-25-1912	60	H. L. Randall & Others	
	6-1- 64	11-25-1912)	1017	H. L. Randall & Others	
	6-1- 69	11-25-1912)			
	6-1- 64	6- 8-1914	1000	Boise Fruit Tract Co.	
		7-15-1918	432	Pioneer Irrig. District	Licensed Right Indian Creek
	4- 20	4-20-1921	17.5	Emma M. Fowler	
		4-20-1921	72	John F. Groome	
3	6-1- 64	2- 6-1925	7	C. E. White	
3	6-1- 64	2- 6-1925	7	Frank Weasel	
3	6-1- 64	2- 6-1925	7	Carl A. Gish	
65	6-1- 77	5- -1925	10	Nellie E. Whitaker	
33	6-1- 66	3-16-1926	56.2	Henry W. Bartlett	
33	6-1- 66	4-26-1926	18.7	L. A. Rice	
65	6-1- 77	5- 6-1926	20	H. D. Parks	
65	6-1- 77	5-6 -1926	10	A. G. Wing	
65	6-1- 77	7- 8-1926	20	Mary F. Leach	
65	6-1- 77	7- 8-1926	13.3	H. E. McConnell	
65	6-1- 77	7- 8-1926	20	H. W. Bartlett	
65	6-1- 77	7- 8-1926	20	E. E. Smith	
65	6-1- 77	8-13-1926	7.5	Rush Chase	
65	6-1- 77	8-21-1926	20	Fred Eggers	
3	6-1- 54)				
54	6-1- 61)	9-15-1926	14.4	A. C. Bowerman	
20	6-1- 91)				
65	6-1- 77	11-16-1926	25	G. R. McGuire	
	6-1- 82	12- 2-1927	20	Chas. P. Mace	
	6-1- 77	7- 2-1928	12.5	J. A. Peterson	Formerly Middleton Water.
65	8-20-88	7- 6-1929	445	W. H. Tuller	
106	6- 1-77	7-12-1929	5	C. C. Wood	
65	10-12-84	11-18-1929	10	Chas. N. Walker	
	10-13-84	4- 7-1930	3	Frank P. Weasel	
2	6-1 -64	5-27-1932	50	W. Scott Anderson	
2	6-1- 64	5-27-1932	25	Farmers Union Ditch	
1	6-1- 64	5-15-1934	15	A. B. Whitney	
2	6-1- 64	12-31-1934	34.37	Federal Land Bank	Somermeir
1	6-1- 64	9- 9-1938	15	Boise Trust Co.	Falk
1	6-1- 64	9- 9-1938	15	Boise Trust Co.	

STEWART DECREE.

No.	Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed		No.	Date
			Sec. Ft.	Inches				Sec. Ft.	Inches		
1	6-1-64	Thomas Davis	2.20	110	46	6-1-69	Mason Creek Ditch Co.	37.20	1860	91	6-1-88
2	6-1-64	Jacobs Canal Co.	20.00	1000	47	6-1-69	T.W. Boone	3.50	175	92	10-17-88
3	6-1-64	Middleton Mill Ditch	12.80	640	48	6-1-70	W.J. Hamming	2.60	130	93	6-1-88
4	6-1-64	Thomas Andrews	3.30	165	49	6-1-70	Pioneer Canal	25.72	1286	94	6-1-88
5	6-1-64	Catlin & Maco	2.86	143	50	6-1-69	Barber Lumber Co.	2.24	112	95	1-23-88
6	6-1-64	T.C. Catlin	3.30	165	51	6-1-70	Thomas Andrews	1.30	65	96	10-1-87
7	6-1-64	C.C. Havird	3.30	165	52	6-1-71	Catlin & Maco	7.86	393	97	6-1-88
8	6-1-64	Pioneer Dickey Ditch Co.	20.00	1000	53	6-1-71	Peter Meers	1.80	90	98	6-1-88
9	6-1-65	Seibenberg Ditch Co.	13.42	671	54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	99	6-1-88
10	6-1-65	Allen V. Webster	1.20	60	55	6-1-72	J.F. Varyan	.70	35	100	6-1-88
11	6-1-65	J.F. Varyan	.66	33	56	6-1-72	J.F. Varyan	1.40	70	101	6-1-88
12	6-1-65	Graham & Gilbert	4.40	220	57	6-1-72	Mary C. Davis	4.40	220	102	6-1-88
13	6-1-65	Eureka Water Co.	33.32	1666	58	6-1-72	Edward H. Hart	3.30	165	103	6-1-88
14	6-1-65	New Union Ditch Co.	13.76	688	59	6-1-74	J.W. Boone	2.20	110	104	6-1-88
15	6-1-65	Boise Valley Irrig. Ditch	54.58	2729	60	6-1-75	Farmers Cooperative D. Co.	10.00	500	105	7-1-88
16	6-1-65	Ridenbaugh & Rossi	9.20	460	61	6-1-76	Edward & Mary Clark	2.30	115	106	8-20-88
17	6-1-65	Ridenbaugh & Rossi (Power)	265.80	13290	62	6-1-76	John Cecil	.44	22	107	5-1-89
18	6-1-65	Denver & Idaho Land Co.	.80	40	63	6-1-77	Thomas Atkins	5.20	260	108	5-1-89
19	6-1-65	Martha Bowman	2.88	144	64	6-1-77	W.H. Conway	.90	45	109	5-1-89
20	6-1-65	Bird Bowman	6.40	320	65	6-1-77	Middleton Water Co.	114.08	5704	110	5-1-89
21	6-1-65	G.W. Gess	2.90	145	66	7-1-77	Perrault & Johnson (Power)	200.00	10000	111	5-1-89
22	6-1-65	Robert McGuire	3.20	160	67	5-1-78	Nampa Meridian Irrig. D.	170.00	8500	112	5-1-89
23	6-1-65	C.W. Cooper	3.20	160	68	6-1-78	John Mammion	4.20	210	113	5-1-89
24	6-1-65	J.W. Roland	2.40	120	69	6-1-78	Julia Mammion	3.36	168	114	5-1-89
25	6-7-65	Draper & Wells	3.94	197	70	6-1-78	Charles Allen	8.80	440	115	6-1-89
26	6-1-65	Thomas J. Palmer	1.60	80	71	6-1-78	R.H. Stockton	4.40	220	116	6-1-89
27	6-1-65	Noah W. Palmer	1.58	79	72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	117	9-1-90
28	6-1-65	J.N. Tucker	7.00	350	73	6-1-79	D. Mumford	4.00	200	118	6-1-91
29	6-1-65	Thomas Andrews	6.00	300	74	6-1-80	Smith Stockton	1.76	88	119	6-1-91
30	5-1-66	J. Perrault & R. Johnson	50.00	2500	75	6-1-80	Isam Joplin	2.40	120	120	6-1-91
31	6-1-66	William P. Kennedy	2.60	130	76	10-20-80	Joseph Goble	.90	45	121	6-1-91
32	6-1-66	Manville & Leonard	3.50	175	77	10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91
33	6-1-66	Boise City Canal Co.	38.06	1903	78	6-1-82	Allen V. Webster	.90	45	123	6-1-91
34	6-1-66	Franklin Ditch Co.	15.40	770	79	6-1-82	Susie Campbell	.60	30	124	6-1-91
35	6-1-67	Canyon Co. Water Co.	75.80	3790	80	6-1-82	J.T. Barber	1.60	80	125	6-1-91
36	6-1-68	Martha E. McCarthy	14.10	705	81	6-1-82	Sonora Joplin	3.40	170	126	7-1-91
37	6-1-68	H.D. & Dora Goodman	3.70	185	82	6-1-82	S.W. Hutchinson	.44	22	127	7-1-91
38	6-1-68	T.T. Johnson	3.20	160	83	6-1-82	Johnson	.44	22	128	7-1-91
39	6-1-68	Ross, Allen, Dilley & Ross	8.54	427	84	6-1-82	Andrew J. Joplin	2.86	143	129	7-1-91
40	6-1-68	S.S. Gray	1.40	70	85	6-1-82	James L. Graham	2.20	110	130	10-1-91
41	6-1-69	John Mammion	1.80	90	86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-91
42	6-1-69	Isaac Bedal	1.60	80	87	6-1-83	Francis M. Joplin	.90	45	132	5-17-91
43	6-1-69	Frederick Ode	3.60	180	88	6-1-83	W.H. Black	12.00	600	133	6-1-91
44	6-1-69	Prior Burnett	8.50	425	89	11-9-83	Eureka Ditch Co. No. 2	21.70	1085	134	10-25-91
45	6-1-69	Pioneer Ditch Ditch Co.	35.44	1772	90	6-1-84	Pioneer Irrig. District	53.10	2655	135	4-1-92

* Indicates Rights supplied by return flow to River.

STEWART DECREE.

24.

CHART 24.

Amt. Decreed		No.	Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed	
Sec. Ft.	Inches				Sec. Ft.	Inches				Sec. Ft.	Inches
2.20	110	46	6-1-69	Mason Creek Ditch Co.	37.20	1860	91	6-1-84	Riverside Irrig. Dist.	20.00	1000
20.00	1000	47	6-1-69	T.W. Boone.	3.50	175	92	10-17-84	Settlers Canal Co.	99.06	4953
12.80	640	48	6-1-70	W.J. Hamming	2.60	130	93	6-1-86	New Dry Creek Ditch	15.22	761
3.30	165	49	6-1-70	Pioneer Canal	25.72	1286	94	6-1-86	Thomas Davis	13.40	670
2.86	143	50	6-1-69	Barber Lumber Co.	2.24	112	95	1-23-87	Wm C. L. E. Young	4.00	200
3.30	165	51	6-1-70	Thomas Andrews	1.30	65	96	10-1-87	American Ditch Assoc.	47.80	2390
3.30	165	52	6-1-71	Catlin & Maco	7.86	393	97	6-1-88	New Dry Creek Ditch Co.	7.86	393
20.00	1000	53	6-1-71	Peter Meers	1.80	90	98	6-1-88	R.V. Linder	4.00	200
13.42	671	54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	99	6-1-88	Leri Smith	1.30	65
1.20	60	55	6-1-72	J.F. Varyan	.70	35	100	6-1-88	Charlotte Calhoun	1.40	70
.66	33	56	6-1-72	J.F. Varyan	1.40	70	101	6-1-88	Ed. J. Linder	1.46	73
4.40	220	57	6-1-72	Mary C. Davis	4.40	220	102	6-1-88	Lizzie Everett	1.20	60
33.32	1666	58	6-1-72	Edward N. Hart	3.30	165	103	6-1-88	Jessie Wilson	1.40	70
13.76	688	59	6-1-74	T.W. Boone	2.20	110	104	6-1-88	Thomas Andrews	.90	45
54.58	2729	60	6-1-75	Farmers Cooperative D. Co.	10.00	500	105	7-1-88	Farmers Coop. Ditch Co.	50.00	2500
9.20	460	61	6-1-76	Edward B. Mary Clark	2.30	115	106	8-20-88	Nampa-Meridian Irrig. D.	370.84	18542
265.80	13290	62	6-1-76	John Cecil	.44	22	107	5-1-89	Chas. S. Miller	.06	3
.80	40	63	6-1-77	Thomas Aikens	5.20	260	108	5-1-89	Lommis L. Noseley	.02	1
2.88	144	64	6-1-77	W.H. Conway	.90	45	109	5-1-89	S.B.T. Utter B.C.B. Taylor	2.40	120
6.40	320	65	6-1-77	Middleton Water Co.	114.08	5704	110	5-1-89	South Boise Mutual Irrig. Co.	6.00	300
2.90	145	66	7-1-77	Perraults Johnson [town]	200.00	10000	111	5-1-89	Estate of J.H. Gallagher	2.94	147
3.20	160	67	5-1-78	Nampa-Meridian Irrig. D.	170.00	8500	112	5-1-89	Anna H. Fogarty	.05	2
3.20	160	68	6-1-78	John Mammion	4.20	210	113	5-1-89	Grace Call	.10	5
2.40	120	69	6-1-78	Julia Mammion	3.36	168	114	5-1-89	Samuel H. Confield	.03	1
3.94	197	70	6-1-78	Charles Allen	8.80	440	115	6-1-89	Sonora Japlin	.06	3
1.60	80	71	6-1-78	R.H. Stockton	4.40	220	116	6-1-89	Sonora Japlin	1.20	60
1.58	79	72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	117	9-1-90	Pioneer Irrig. District	200.00	10000
7.00	350	73	6-1-79	D. Mumford	4.00	200	118	6-1-91	W.H. Conway	2.20	110
6.00	300	74	6-1-80	Smith Stockton	1.76	88	119	6-1-91	Thomas Davis	.54	27
50.00	2500	75	6-1-80	Isham Japlin	2.40	120	120	6-1-91	Middleton Mill Ditch Co.	17.00	850
2.60	130	76	10-20-80	Joseph Goble	.90	45	121	6-1-91	Thomas Andrews	3.50	175
3.50	175	77	10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91	Settlers Canal Co.	73.44	3672
38.06	1903	78	6-1-82	Allen V. Webster	.90	45	123	6-1-91	Thomas Aikens	.80	40
15.40	770	79	6-1-82	Susie Campbell	.60	30	124	5-1-93	Riverside Irrig. District	80.00	4000
75.80	3790	80	6-1-82	J.T. Barber	1.60	80	125	6-1-94	R.H. Stockton	1.76	88
14.10	705	81	6-1-82	Sonora Japlin	3.40	170	126	7-2-94	Farmers Union Ditch Co.	110.00	5500
3.70	185	82	6-1-82	J.W. Hutchinson	.44	22	127	5-1-95	Charles Rein B. June Koch	1.00	50
3.20	160	83	6-1-82	Johnson	.44	22	128	7-1-95	Matthew Casey	.66	33
8.54	427	84	6-1-82	Andrew J. Japlin	2.86	143	129	7-1-96	Farmers Coop. Ditch Co.	83.50	4175
1.40	70	85	6-1-82	James L. Graham	2.20	110	130	10-1-99	Riverside Irrig. District	20.00	1000
1.80	90	86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-00	New York Canal Co.	219.10	10955
1.60	80	87	6-1-83	Francis M. Japlin	.90	45	132	5-17-00	Canyon Ditch Co.	10.00	500
3.60	180	88	6-1-83	W.A. Black	12.00	600	133	6-1-01	Riverside Irrig. District	70.00	3500
8.50	425	89	11-9-83	Eureka Ditch Co. No. 2	21.70	1085	134	10-25-01	Canyon Ditch Co.	5.34	277
35.44	1772	90	6-1-84	Pioneer Irrig. District	53.10	2655	135	4-1-04	Pioneer Irrig. District	56.34	2817

• Indicates Rights supplied by return flow to River.

Name of Canal	Source	No	Date	se. Amount	Decreed Inches	Total Sec Ft.
New York U.S.A.	Stewart Decree	131	3-23-1900	219.10	10955	
" "	Bryan Decree		12-14-1903	1354.58	67729	
Transfer # 466	"		6-16-1909	926.50	46325	
Hillcrest Transfer # III	Stewart Decree	106	8-20-1888	388.8	2923	
	"	25	6-1-1871	20.34	1017	
	"	26	10-1-87	1.20	60	2589.4
Reint Keoh	"	127	5-1-1895	1.00	.50	1.00
Nampa Meridian	"	67	5-1-1878	170.00	8500	
Irrigation District	"	106	8-20-1888	370.84	18542	
Less Transfer # 466	"	106	6-1-77	-89.0	-445	53234
Bahler			4-1-1865	.80	40	
			4-1-1870	.80	40	160
Bubb	"	107	5-1-1889	.06	3	
	"	108	"	.02	1	
	"	109	"	2.40	120	
	"	110	"	2.00	300	
	"	111	"	2.94	147	
	"	112	"	.05	2	
	"	113	"	.10	5	
	"	114	"	.03	2	
Additional Decree	"	115	4-1-1865	1.83	90	
	"	116	"	1.50	75	
	"	117	"	1.00	50	
	"	118	"	.84	42	
	Bryan Decree	46	4-1-1905	546	276	2114
Meeves	Stewart Decree	53	6-1-1871	1.80	90	1.80
Rossi Mill	"	16	6-1-1865	9.20	460	
and	"	17	6-1-1863	.80	40	
Manville Leonard	"	32	6-1-1866	3.50	175	13.50
Davis	"	94	6-1-1886	13.40	670	13.40
Little Davis	"	119	6-1-1891	.54	27	.54
Settlers	"	92	10-17-1884	99.01	4953	
Transfer # 430	"	122	6-1-1891	13.25	662	
"	"	65	6-1-1877	.25	12.5	
"	"		6-1-1864	.14	7	
"	"		6-1-1864	.14	7	
"	"		6-1-1864	.14	7	
"	"		6-1-1877	.20	10	
"	"		6-1-1882	.72	36	
"	"	85A	6-1-1882	.72	36	
Change in P.O.D.	"	85B	2-1-1883	1.00	50	175.49
	"	1	6-1-1864	.70	35	70
Jacobs	"	7	6-1-1864	3.30	165	
Thurman Mill	"	10	6-1-1865	1.20	60	
	"	11	6-1-1865	.66	33	
	"	36	6-1-1868	18.10	905	
	"	37	6-1-1869	3.70	185	
	"	42	6-1-1872	1.60	80	
	"	55	6-1-1872	.70	35	
	"	56	6-1-1872	1.40	70	
	"	62	6-1-1876	.84	42	
	"	75	6-1-1880	2.40	120	
	"	76	6-1-1880	.90	45	
	"	78	10-20-1882	.90	45	
	"	79	6-1-1882	.60	30	
	"	81	6-1-1882	2.60	130	
	"	84	6-1-1882	1.30	65	
	"	87	6-1-1883	.90	45	
	"	97	6-1-1885	.66	33	
	"	128	7-1-1882	.40	20	37.16
Less Transfer 412		50	6-1-1866	22.4	112	22.4
Penitentiary						

STEWART DECREE AND BRYAN

[illegible]

DECREE AND BRYAN DECREE GROUPED UNDER CANAL HE

No	Date	Amount Sec. Ft.	Decreed Inches	Total Sec. Ft.	Name of Canal	No	Date
10	5-1-66	50.00	2500	50.00	Canyon County	Stewart Decree	35A
13	6-1-66	38.06	1903		Change in P.O.D. 29	Stewart Decree	31
	" " "	1.124	56.2		Less " " " 25	" " "	"
	" " "	.374	18.7	36.562	" " " 56	" " "	"
26	6-1-66	20.00	1000		Lemp Ditch Made	"	29A
	6-1-66	120.00	5500		Conway + Hamming	"	48
	6-1-66	1.124	56.2			"	63
	6-1-66	.374	18.7		Thos Aiken	"	52
	6-1-66	.40	20.1		Callin + Mace	"	5
	6-1-66	.20	10.		Hart + Davis	"	56
	6-1-66	.40	20.		Less Change in P.O.D. 28	"	58
	6-1-66	.266	13.3		Graham + Gilbert	"	12
	6-1-66	.20	20.		Warm Springs	"	61
	6-1-66	.40	20.			"	60
	6-1-66	.15	7.5			"	49
	6-1-66	.388	19.4		Less Change in P.O.D. 23	"	53A
	6-1-66	.30	15.		Joplin	"	81
	6-1-66	.25	12.5		Seven Suckers	"	115
	6-1-66	.20	10.		Change in P.O.D. 28H	"	116
	6-1-66	.150	7.5	191.512	Phyllis	"	90
15	6-1-65	54.58	2729	54.58		"	112
19	6-1-65	13.76	688	13.76	Bryan Decree	"	13
72	6-1-65	31.32	1566		Eureka No. 1.	Stewart Decree	15
82	6-1-65	1.522	76.1		Caldwell High Line	"	36
83	6-1-65	7.86	393			"	77
84	6-1-65	.40	20.		Farmers Coop Ditch	"	69
85	6-1-65	.40	20.			"	92
86	6-1-65	.40	20.			"	103
87	6-1-65	.40	20.			"	129
88	6-1-65	.40	20.		Canyon Ditch Co	Stewart Decree	132
89	6-1-65	.40	20.		Transfer 391	"	134
90	6-1-65	.40	20.		" 105	"	96
91	6-1-65	.40	20.			"	9
92	6-1-65	.40	20.		Siebenberg	"	9
93	6-1-65	.40	20.		Less Transfer 105	"	9
94	6-1-65	.40	20.			"	9
95	6-1-65	.40	20.		Riverside Irrig.	"	88
96	6-1-65	.40	20.		Dist.	"	86
97	6-1-65	.40	20.			"	85
98	6-1-65	.40	20.			"	84
99	6-1-65	.40	20.			"	83
100	6-1-65	.40	20.			"	82
101	6-1-65	.40	20.			"	81
102	6-1-65	.40	20.			"	80
103	6-1-65	.40	20.			"	79
104	6-1-65	.40	20.			"	78
105	6-1-65	.40	20.			"	77
106	6-1-65	.40	20.			"	76
107	6-1-65	.40	20.			"	75
108	6-1-65	.40	20.			"	74
109	6-1-65	.40	20.			"	73
110	6-1-65	.40	20.			"	72
111	6-1-65	.40	20.			"	71
112	6-1-65	.40	20.			"	70
113	6-1-65	.40	20.			"	69
114	6-1-65	.40	20.			"	68
115	6-1-65	.40	20.			"	67
116	6-1-65	.40	20.			"	66
117	6-1-65	.40	20.			"	65
118	6-1-65	.40	20.			"	64
119	6-1-65	.40	20.			"	63
120	6-1-65	.40	20.			"	62
121	6-1-65	.40	20.			"	61
122	6-1-65	.40	20.			"	60
123	6-1-65	.40	20.			"	59
124	6-1-65	.40	20.			"	58
125	6-1-65	.40	20.			"	57
126	6-1-65	.40	20.			"	56
127	6-1-65	.40	20.			"	55
128	6-1-65	.40	20.			"	54
129	6-1-65	.40	20.			"	53
130	6-1-65	.40	20.			"	52
131	6-1-65	.40	20.			"	51
132	6-1-65	.40	20.			"	50
133	6-1-65	.40	20.			"	49
134	6-1-65	.40	20.			"	48
135	6-1-65	.40	20.			"	47
136	6-1-65	.40	20.			"	46
137	6-1-65	.40	20.			"	45
138	6-1-65	.40	20.			"	44
139	6-1-65	.40	20.			"	43
140	6-1-65	.40	20.			"	42
141	6-1-65	.40	20.			"	41
142	6-1-65	.40	20.			"	40
143	6-1-65	.40	20.			"	39
144	6-1-65	.40	20.			"	38
145	6-1-65	.40	20.			"	37
146	6-1-65	.40	20.			"	36
147	6-1-65	.40	20.			"	35
148	6-1-65	.40	20.			"	34
149	6-1-65	.40	20.			"	33
150	6-1-65	.40	20.			"	32
151	6-1-65	.40	20.			"	31
152	6-1-65	.40	20.			"	30
153	6-1-65	.40	20.			"	29
154	6-1-65	.40	20.			"	28
155	6-1-65	.40	20.			"	27
156	6-1-65	.40	20.			"	26
157	6-1-65	.40	20.			"	25
158	6-1-65	.40	20.			"	24
159	6-1-65	.40	20.			"	23
160	6-1-65	.40	20.			"	22
161	6-1-65	.40	20.			"	21
162	6-1-65	.40	20.			"	20
163	6-1-65	.40	20.			"	19
164	6-1-65	.40	20.			"	18
165	6-1-65	.40	20.			"	17
166	6-1-65	.40	20.			"	16
167	6-1-65	.40	20.			"	15
168	6-1-65	.40	20.			"	14
169	6-1-65	.40	20.			"	13
170	6-1-65	.40	20.			"	12
171	6-1-65	.40	20.			"	11
172	6-1-65	.40	20.			"	10
173	6-1-65	.40	20.			"	9
174	6-1-65	.40	20.			"	8
175	6-1-65	.40	20.			"	7
176	6-1-65	.40	20.			"	6
177	6-1-65	.40	20.			"	5
178	6-1-65	.40	20.			"	4
179	6-1-65	.40	20.			"	3
180	6-1-65	.40	20.			"	2
181	6-1-65	.40	20.			"	1
182	6-1-65	.40	20.			"	0
183	6-1-65	.40	20.			"	-1
184	6-1-65	.40	20.			"	-2
185	6-1-65	.40	20.			"	-3
186	6-1-65	.40	20.			"	-4
187	6-1-65	.40	20.			"	-5
188	6-1-65	.40	20.			"	-6
189	6-1-65	.40	20.			"	-7
190	6-1-65	.40	20.			"	-8
191	6-1-65	.40	20.			"	-9
192	6-1-65	.40	20.			"	-10
193	6-1-65	.40	20.			"	-11
194	6-1-65	.40	20.			"	-12
195	6-1-65	.40	20.			"	-13
196	6-1-65	.40	20.			"	-14
197	6-1-65	.40	20.			"	-15
198	6-1-65	.40	20.			"	-16
199	6-1-65	.40	20.			"	-17
200	6-1-65	.40	20.			"	-18
201	6-1-65	.40	20.			"	-19
202	6-1-65	.40	20.			"	-20
203	6-1-65	.40	20.			"	-21
204	6-1-65	.40	20.			"	-22
205	6-1-65	.40	20.			"	-23
206	6-1-65	.40	20.			"	-24
207	6-1-65	.40	20.			"	-25
208	6-1-65	.40	20.			"	-26
209	6-1-65	.40	20.			"	-27
210	6-1-65	.40	20.			"	-28
211	6-1-65	.40	20.			"	-29
212	6-1-65	.40	20.			"	-30
213	6-1-65	.40	20.			"	-31
214	6-1-65	.40	20.			"	-32
215	6-1-65	.40	20.			"	-33
216	6-1-65	.40	20.			"	-34
217	6-1-65	.40	20.			"	-35
218	6-1-65	.40	20.			"	-36
219	6-1-65	.40	20.			"	-37
220	6-1-65	.40	20.			"	-38
221	6-1-65	.40	20.			"	-39
222	6-1-65	.40	20.			"	-40
223	6-1-65	.40	20.			"	-41
224	6-1-65	.40	20.			"	-42
225	6-1-65	.40	20.			"	-43
226	6-1-65	.40	20.			"	-44
227	6-1-65	.40	20.			"	-45
228	6-1-65	.40	20.			"	-46
229	6-1-65	.40	20.			"	-47
230	6-1-65	.40	20.			"	-48
231	6-1-65	.40	20.			"	-49
232	6-1-65	.40	20.			"	-50
233	6-1-65	.40	20.			"	-51
234	6-1-65	.40	20.			"	-52
235	6-1-65	.40	20.			"	-53
236	6-1-65	.40	20.			"	-54
237	6-1-65	.40	20.			"	-55
238	6-1-65	.40	20.			"	-56
239	6-1-65	.40	20.			"	-57
240	6-1-65	.40	20.			"	-58
241	6-1-65	.40	20.			"	-59
242	6-1-65	.40	20.			"	-60
243	6-1-65	.40	20.			"	-61
244	6-1-65	.40	20.			"	-62
245	6-1-65	.40	20.			"	-63
246	6-1-65	.40	20.			"	-64
247	6-1-65	.40	20.			"	-65
248	6-1-65	.40	20.			"	-66
249	6-1-65	.40	20.			"	-67
250	6-1-65	.40	20.			"	-68
251	6-1-65	.40	20.			"	-69
252	6-1-65	.40	20.			"	-70
253	6-1-65	.40	20.			"	-71
254	6-1-65	.40	20.			"	-72
255	6-1-65	.40	20.			"	-73
256	6-1-65	.40	20.			"	-74
257	6-1-65	.40	20.			"	-75
258	6-1-65	.40	20.			"	-76
259	6-1-65	.40	20.			"	-77
260	6-1-65	.40	20.			"	-78
261	6-1-65	.40	20.			"	-79
262	6-1-65	.40	20.			"	-80
263	6-1-65	.40					

R CANAL HEADINGS.

No	Date	Amount Sec. Ft.	Decreed, Inches	Total Sec. Ft.	Name of Canal	No	Date
Decree 35A	6-1-67	7580	3780		Franeer Dixie	8	6-1-68
ree 31	6-1-66	176	88		PLUS Transfer	36	6-1-68
		100	50		Less	111	6-1-68
		260	130			62	
		38	25				
		1.11	55.3	80.17			
29A	1865	6.00	300.	6.00	Eureka No 2	89	11-8-2
48	6-1-70	2.60	130		Transfer	47	10-1-2
64	6-1-77	90	45			62	10-1-2
118	6-1-91	220	110	5.70		85	6-1-2
63	6-1-77	5.20	260	5.20	less	111	
5	6-1-64	286	143		Upper Cen. Point	23	6-1-6
52	6-1-71	1.86	393	10.72		24	
6	6-1-64	330	165			25	
56	6-1-72	440	220		less Transfer	26	
58	6-1-72	3.30	165	9.96	" Change in P.O. 81	27	
		1.04	52				
12	6-1-65	440	220	4.40	Lower Center Point	19	6-1-65
61	6-1-76	2.30	115			22	
80	6-1-82	1.60	80			23	6-1-65
82	"	44	22			24	6-1-65
83	"	44	22			25	6-1-65
84	"	136	68			26	6-1-65
85	"	220	110			27	6-1-65
85A	"	1.60	80		less Change in P.O. 50	20	
85A	"	.72	36	9.22		21	
87	6-1-82	.80	40			22	
115	6-1-89	.06	3			23	
116	6-1-89	1.20	60	2.06		24	
		1.04	52	1.04	Bowman's Swisher	19	6-1-65
90	6-1-84	53.10	2655		Change in P.O. 50	20	
117	6-1-90	200.00	10000		less	125	
135	6-1-94	56.34	2817		Mammoth	41	6-1-69
3	6-1-05	30.836	15418	670.50		42	6-1-78
4	6-1-08	54.30	2715			43	6-1-78
ree 13	6-1-65	33.32	1666	33.32	Hagg Ditch	39	6-1-68
34	6-1-66	15.40	770			40	6-1-68
42	6-1-69	17.20	860		Island High Line	71A	4-1-79
77	10-29-80	27.60	1380	80.20	Add Decrees	133A	4-1-18
						139	4-1-18
60	6-1-75	10.00	500		Larsen Boxte-temp. Add Decree	75A	1880
66	6-1-83	20.00	1000		Change in P.O. 127	127	6-1-65
125	7-1-88	50.00	2500		Boone ditch	28	
129	7-1-96	83.50	4175	317.95	Stewart Decree	29	
Decree 132	5-17-00	10.00	500			30	
134	10-25-01	5.50	275		Andrews Ditch	4	6-1-64
96	10-1-87	12.10	605	2814		29	6-1-65
9	6-1-65	50	25			51	6-1-65
9	6-1-65	13.42	671			104	6-1-65
9	6-1-65	.50	25	12.92		121	6-1-69
						24	
88	6-1-83	12.00	600		Palma Ditch	71	6-1-68
91	6-1-84	20.00	1000			72	6-1-68
95	7-23-87	4.00	200			73	6-1-68
124	5-1-93	86.00	4300			74	6-1-68
130	10-1-99	20.00	1000			75	6-1-68
133	6-1-01	70.00	3500			76	6-1-68
134	6-15-87	3.63	181		O'Donnell Ditch	114A	3-1-89
	6-1-90	.72	36			114B	3-1-89
	6-1-90	.70	35				
	6-1-90	.40	20				
	4-1-10	63.98	3199				
	4-1-14	17.70	885	294.38			

Chart 25

Name of Canal	No.	Date	Assessment Sec. 16	Deer Creek Assessment	Total Sec. 16
Pioneer Ditch	8	6-1-65	20.00	10.00	
Plus Transfer	26	7-1-65	2.00	1.00	
Less	112	11-1-65	2.00	1.00	
	62	11-1-65	2.00	1.00	40.00
Eureka No 2	89	11-8-83	21.70	10.35	
Transfer	42	11-1-87	29.30	15.25	
	11	2-1-65	1.30	.25	
Less	111	11-1-65	6.20	.60	52.50
Upper Cen. Point	23	6-1-65	3.20	1.60	
	23	11-1-65	3.20	1.60	
	23	11-1-65	3.20	1.60	
Less Transfer	23	11-1-65	1.30	.25	
Change in P.O. 31	11	11-1-65	3.50	.25	11.42
Lower Center Point	12	6-1-65	2.80	1.60	
	12	6-1-65	2.80	1.60	
	12	6-1-65	2.80	1.60	
	12	6-1-65	2.80	1.60	
Less Change in P.O. 30	20	11-1-65	2.80	3.20	16.90
Bowman's Smelter	12	6-1-65	2.80	3.20	
Change in P.O. 30	12	11-1-65	2.80	3.20	8.48
Less	11	11-1-65	2.80	3.20	
Mammoth	24	6-1-65	1.00	.20	
	24	6-1-65	1.00	.20	9.36
Haas Ditch	32	6-1-65	5.50	2.20	
	32	6-1-65	5.50	2.20	17.34
Island High Line	114	6-1-79	3.00	1.50	
Less Decker	114	6-1-79	1.00	3.00	20.00
Large Box to Temp. Add Decree	754	11-1-65	3.50	.50	
Change in Feb. 123	123	6-1-65	3.50	1.60	4.00
Boone ditch	38	6-1-65	2.00	3.50	
	38	6-1-65	2.00	3.50	12.70
Andrews Ditch	46	6-1-65	2.30	1.60	
	46	6-1-65	2.30	1.60	
	46	6-1-65	2.30	1.60	
	46	6-1-65	2.30	1.60	
	46	6-1-65	2.30	1.60	23.50
Pattee Ditch	71	6-1-79	4.50	2.50	
	71	6-1-79	4.50	2.50	
	71	6-1-79	4.50	2.50	
	71	6-1-79	4.50	2.50	
	71	6-1-79	4.50	2.50	11.96
O'Donnell Ditch	144	5-1-89	1.60	.80	
	144	5-1-89	.80	.80	2.40

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
NECESSARY AT DIVERSION DAM TO FILL SAME

No.	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%
1	Thomas Davis (1)				
2	Jacobs Canal Co. * (1)	2.20	1.65	1.32	
3	Middleton Mill Ditch Co. (1)	20.00	20.00	20.00	
4	Thomas Andrews (2)	12.80	9.60	7.68	
5	Catlin & Mace (1)	3.30	2.47	1.98	
6	T. C. Catlin (1)	2.86	2.15	1.71	
7	C. C. Havird (1)	3.30	2.47	1.98	
8	Pioneer Dixie Ditch Co. (2)	3.30	2.47	1.98	
8A	Adolph Bahler (1)	20.00	15.00	12.00	
8B	First National Bank of Pueblo (1)	.80	.60	.48	
9	Siebenberg (2)	1.80	1.35	1.08	
10	Allen V. Webster (1)	15.42	10.07	8.05	
11	J. F. Yaryen (1)	1.20	.90	.72	
12	Graham & Gilbert (1)	.66	.49	.40	
13	Eureka Water Co. (1)	4.40	3.30	2.64	
14	New Union Ditch Co. (1)	33.32	24.99	19.99	
15	Boise Valley Irrigation Co. (1)	13.76	10.32	8.26	
16	Ridenbaugh & Rossi (1)	54.58	40.94	32.75	
17	Ridenbaugh & Rossi (Power) (1)	9.20	6.90	5.52	
18	Denver & Idaho Land Co. (1)	.80	.60	.48	
19	Martha Bowman (2)	2.88	2.16	1.73	
20	Bird Bowman (2)	6.40	4.80	3.84	
21	G. W. Gess (2)	2.90	2.18	1.74	
22	Robert McGuire (2)	3.20	2.40	1.92	
23	C. W. Cooper (2)	3.20	2.40	1.92	
24	J. W. Rowland (2)	2.40	1.80	1.44	
25	Draper & Wells (2)	3.94	2.96	2.36	
26	Thomas J. Palmer (2)	1.60	1.20	.96	
27	Noah W. Palmer (2)	1.58	1.19	.95	
28	J. N. Tucker (3)	7.00	5.25	4.20	
29	Thomas Andrews (3)	6.00	4.50	3.60	
29A	Louise Simonson (1)	6.00	4.50	3.60	1174.91
29B	S. G. Hardies & Amelia Easley (1)	.50	.38	.30	1174.99
30	J. Perrault & R. Johnson * (1)	50.00	50.00	50.00	
31	William P. Kennedy (1)	2.60	1.95	1.56	1175.98
31A	Wm. Musser (1)	2.30	1.73	1.38	1175.73
31B	Minnie & Jerry Couzens (1)	.60	.45	.36	1175.82
31C	Albert C. Bowerman (1)	1.10	.83	.66	1175.99
32	Manville & Leonard (1)	3.50	2.62	2.10	1176.51
33	Boise City Canal Co. (1)	38.06	28.55	22.84	1182.22
34	Franklin Ditch Co. (1)	15.40	11.55	9.24	1184.53
35	Canyon County Water Co. (1)	75.80	56.85	45.48	1195.90
35A	Ralph T. Knight (1)	1.76	1.32	1.06	1196.16
36	Martha E. Mc Carthy (1)	14.10	10.58	8.46	1198.28

* These rights have been finally adjudicated by the Supreme Court and are not cut below 100%

OWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
NECESSARY AT DIVERSION DAM TO FILL SAME

100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
2.20	1.65	1.32		1152.58	1465.19
20.00	20.00	20.00			
12.80	9.60	7.68		1154.50	1468.39
3.30	2.47	1.98			1469.22
2.86	2.15	1.71		1154.93	1469.94
3.30	2.47	1.98		1155.43	1470.77
3.30	2.47	1.98		1155.93	1471.60
20.00	15.00	12.00			1476.60
.80	.60	.48		1156.05	1476.80
(1) 1.80	1.35	1.08		1156.32	1477.25
15.42	10.07	8.05			1480.61
1.20	.90	.72		1156.50	1480.91
.66	.49	.40		1156.60	1481.08
4.40	3.30	2.64		1157.26	1482.18
32.32	24.99	19.99		1162.26	1490.51
13.76	10.32	8.26		1164.32	1493.95
(1) 54.58	40.94	32.75		1172.51	1507.60
9.20	6.90	5.52		1172.89	1509.90
(1)					
(1)				1174.01	1510.10
.80	.60	.48			1510.82
2.88	2.16	1.73			1512.42
6.40	4.80	3.84			1513.17
2.90	2.18	1.74			1513.97
3.20	2.40	1.92			1514.77
3.20	2.40	1.92			1515.27
2.40	1.80	1.44			1516.26
3.94	2.96	2.36			1516.76
1.60	1.20	.96			1517.15
1.58	1.19	.95			1518.90
7.00	5.25	4.20			1520.40
6.00	4.50	3.60			1521.90
6.00	4.50	3.60		1174.91	1522.02
.50	.38	.30		1174.99	
key (1)					1522.68
(1) 50.00	50.00	50.00		1175.38	1523.26
2.60	1.95	1.56		1175.73	1523.41
2.30	1.73	.36		1175.82	1523.69
(1) .60	.45	.36		1175.99	1524.57
1.10	.83	.66		1176.51	1524.08
3.50	2.63	2.10		1182.22	1527.23
(1) 38.06	28.55	22.84	22.83	1184.52	1556.88
(1) 15.40	11.55	9.24	32.07	1195.90	1557.32
(1) 75.80	56.85	45.48	77.55	1196.16	1560.85
(1) 1.76	1.32	1.06	78.61		
(1) 14.10	10.58	8.46	87.07	1198.28	

finally adjudicated by the Supreme Court and are not cut below 100%

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
NECESSARY AT DIVERSION DAM TO FILL SAME

No.	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Fl To
37	H. D. & Dora Goodman (1)	3.70	2.78	2.22	89.29	
38	T. T. Johnson (2)	3.20	2.40	1.92		
39	Ross, Allen, Dilley, & Ross (2)	8.54	6.41	5.12		
40	S. S. Gray (1)	1.40	1.05	.84	90.12	1
41	John Mammion (3)	1.80	1.35	1.08		
42	Isaac Bedal (1)	1.60	1.20	.96	91.09	11
43	Frederich Ode (2)	2.60	2.70	2.16		
44	Prior Burnett (3)	8.50	6.38	5.10		
45	Pioneer Dixie Ditch Co. (1)	25.44	26.58	21.26		
46	Mason Creek Ditch Co. (1)	27.20	27.90	22.32	113.41	120
47	T. W. Boone (3)	3.50	2.62	2.10		
47A	Adolph Bahler (1)	.80	.60	.48	112.89	120
48	W. J. Hamming (1)	2.60	1.95	1.56	115.45	120
49	Pioneer Canal (1)	25.72	19.29	15.42	130.88	120
50	Barber Lumber Co. (1)	2.24	1.68	1.34	132.22	120
51	Thomas Andrews (2)	1.30	.98	.78		
51A	S. G. Hardies & Amelia Eisley (1)	1.00	.75	.60	132.82	120
52	Catlin & Mace (1)	7.86	5.90	4.72	137.54	121
53	Peter Meeves (1)	1.80	1.35	1.08	138.62	121
54	Middleton Mill Ditch Co. (1)	33.70	25.28	20.22	158.84	121
55	J. F. Yaryan (1)	.70	.53	.42	159.26	121
56	J. F. Yaryan (1)	1.40	1.05	.84	160.10	121
57	Mary C. Davis (1)	4.40	3.30	2.64	162.74	121
58	Edward M. Hart (1)	3.30	2.47	1.98	164.72	121
59	T. W. Boone (3)	2.20	1.65	1.32		
60	Farmer's Coop. Ditch Co. (2)	10.00	7.50	6.00	166.10	121
61	Edward & Mary Clark (1)	2.30	1.73	1.38	166.36	121
62	John Cecil (1)	.44	.33	.26	169.48	121
63	Thomas Aiken (1)	5.20	3.90	3.12	170.02	121
64	W. H. Conway (1)	.90	.68	.54	238.47	121
65	Middleton Water Co. (1)	114.08	85.56	68.45		
66	Perrault & Johnson (Power) (1)					
66A	J. S. Kraus (1)	.80	.60	.48	238.95	121
66B	H. E. Plain (1)	.80	.60	.48	239.43	121
66C	J. W. Kolander (1)	1.40	1.05	.84	240.27	121
66D	W. T. Griffith (1)	.80	.60	.48	240.75	121
67	Nampa-Meridian Irrig. District (1)	170.00	127.50	102.00	242.75	121
68	John Mammion (3)	4.20	3.15	2.52		
69	Julia Mammion (3)	2.36	2.52	2.02		
70	Charles Allen (3)	8.80	6.60	5.28		
71	R. H. Stockton (3)	4.40	3.30	2.64		
71A	Island Highline Ditch Co. (1)	3.00	2.25	1.80	361.54	1266.97
72	New Dry Creek Ditch Co. (1)	31.32	23.49	18.79		
73	D. Mumford (2)	4.00	3.00	2.40		

Chart No. X-A

DECREE RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
NECESSARY AT DIVERSION DAM TO FILL SAME

100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
3.70	2.78	2.22			
3.20	2.40	1.92	89.29	1198.84	1561.78
8.54	6.41	5.12			1562.58
1.40	1.05	.84			1564.72
1.80	1.35	1.08	90.12	1199.05	1565.07
1.60	1.20	.96			1565.52
3.60	2.70	2.16	91.09	1199.29	1565.92
8.50	6.38	5.10			1566.82
25.44	26.58	21.26			1568.05
27.20	27.90	22.32			1577.81
3.50	2.63	2.10	115.41	1204.87	1587.11
.80	.60	.48			1587.99
2.60	1.95	1.56	113.89	1204.99	1588.19
25.72	19.29	15.43	115.45	1205.38	1588.84
2.24	1.68	1.34	120.88	1209.24	1595.27
1.30	.98	.78	122.22	1209.58	1595.83
1) 1.00	.75	.60			1596.16
7.86	5.90	4.72	132.82	1209.72	1596.41
1.80	1.35	1.08	137.54	1210.91	1598.28
33.70	25.28	20.22	138.62	1211.18	1598.72
.70	.53	.42	158.84	1216.24	1607.16
1.40	1.05	.84	159.26	1216.35	1607.24
4.40	3.30	2.64	160.10	1216.56	1607.69
3.30	2.47	1.98	162.74	1217.22	1608.79
2.20	1.65	1.32	164.72	1217.72	1609.62
10.00	7.50	6.00			1610.17
2.30	1.73	1.38			1612.67
.44	.33	.26			1612.25
5.20	3.90	3.12	166.10	1218.10	1613.36
.90	.68	.54	166.36	1218.17	1614.66
114.08	85.56	68.45	169.48	1218.95	1614.89
			170.02	1219.09	1615.41
			238.47	1236.20	
.80	.60	.48			1645.61
.80	.60	.48	238.95	1236.32	1645.81
1.40	1.05	.84	239.43	1236.44	1646.16
.80	.60	.48	240.27	1236.65	1646.26
1) 170.00	127.50	102.00	240.75	1236.77	1646.79
4.20	3.15	2.52	242.75	1262.27	1646.79
3.36	2.52	2.02			1647.12
8.80	6.60	5.28			1649.22
4.40	3.30	2.64			1650.42
3.00	2.25	1.80			1651.18
31.32	23.49	18.79	361.54	1266.97	1659.01
4.00	3.00	2.40			1660.01

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND
NECESSARY AT DIVERSION DAM TO FILL SAME

No.	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necess To Fill to
73A	Goble & Songer (1)				
74	Smith Stockton (2)	.54	.41	.32	361.86
75	Isham Joplin (1)	1.76	1.32	1.06	
75A	C. B. Frank (1)	2.40	1.80	1.44	363.30
75A	Albert Lemp et al (2)	.816	.61	.49	363.79
76	Joseph Goble (1)	3.20	2.40	1.92	
77	Franklin Ditch Co. (1)	.90	.68	.54	364.33
77A	Roc Helms (2)	27.60	20.70	16.56	380.89
77A	Gus A. Barth (2)	3.674	2.76	2.20	
77B	Charles Jurries (3)	1.60	1.20	.96	
77C	James Finlay (3)	.34	.26	.20	
77D	Lester J. Shippy (3)	.80	.60	.48	
78	Allen V. Webster (1)	1.30	.98	.78	
79	Susie Campbell (1)	.90	.68	.54	381.43
80	J. T. Barber (1)	.60	.45	.36	381.79
81	Sonors Joplin (1)	1.60	1.20	.96	382.75
82	S. W. Hutchinson (1)	3.40	2.55	2.04	384.79
83	Johnson (1)	.44	.33	.26	385.05
84	Andrew J. Joplin (1)	.44	.33	.26	385.31
85	James L. Graham (1)	2.86	2.15	1.72	387.03
85A	Leo Marsters (1)	2.20	1.65	1.32	388.35
85B	Jacob Bingham (1)	1.60	1.20	.96	389.31
85C	Wm. Huckba (1)	1.00	.75	.60	389.91
85D	G. H. Schmelzer (1)	.203	.15	.12	390.03
85E	C. W. Mc Clurg (1)	.7506	.56	.45	390.48
86	Farmers' Cooperative Ditch (2)	.35	.26	.21	390.69
87	Francis M. Joplin (1)	20.00	15.00	12.00	391.23
88	W. A. Black (2)	.90	.68	.54	
89	Eureka Ditch Co. No. 2 (2)	12.00	9.00	7.20	
90	Pioneer Irrigation District (1)	21.70	16.28	13.02	423.09
91	Riverside Irrig. District (2)	52.10	39.83	31.86	
92	Settlers Canal Company (1)	20.00	15.00	12.00	482.53
93	New Dry Creek Ditch Co. (1)	99.06	74.30	59.44	491.66
94	Thomas Davis (1)	15.22	11.42	9.13	499.70
95	Wm. E., L. & E. Young (2)	13.40	10.05	8.04	
96	American Ditch Association (2)	4.00	3.00	2.40	504.42
97	New Dry Creek Ditch Co. (1)	47.80	35.85	28.68	506.82
98	A. V. Linder (1)	7.86	5.90	4.72	507.60
99	Levi Smith (1)	4.00	3.00	2.40	508.44
100	Charlotte Calhoun (1)	1.30	.98	.78	509.32
101	Ed J. Linder (1)	1.40	1.05	.84	510.04
102	Lizzie Everett (1)	1.46	1.10	.88	510.88
103	Jessie Wilson (1)	1.20	.90	.72	
104	Thomas Andrews (2)	1.40	1.05	.84	
		.90	.68	.54	

Chart No. 26-B

SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
NECESSARY AT DIVERSION DAM TO FILL SAME

100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
.54	.41	.32			
1.76	1.32	1.06	361.86	1267.04	1660.15
2.40	1.80	1.44			1660.59
.816	.61	.49	363.30	1267.40	1661.19
3.20	2.40	1.92	363.79	1267.52	1661.39
.90	.68	.54			1662.19
27.60	20.70	16.56	364.33	1267.66	1662.32
3.674	2.76	2.20	380.89	1271.80	1669.22
1.60	1.20	.96			1670.14
.34	.26	.20			1670.54
.80	.60	.48			1670.63
1.30	.98	.78			1670.83
.90	.68	.54	381.43	1271.94	1671.16
.60	.45	.36	381.79	1272.03	1671.39
1.60	1.20	.96	382.75	1272.27	1671.54
3.40	2.55	2.04	384.79	1272.78	1671.94
.44	.33	.26	385.05	1272.85	1672.79
.44	.33	.26	385.31	1272.92	1672.90
2.86	2.15	1.72	387.03	1273.35	1673.01
2.20	1.65	1.32	388.35	1273.68	1673.73
1.60	1.20	.96	389.31	1273.92	1674.28
1.00	.75	.60	389.91	1274.07	1674.68
.203	.15	.12	390.03	1274.10	1674.93
.7506	.56	.45	390.48	1274.21	1674.98
.35	.26	.21	390.69	1274.26	1675.17
(2) 20.00	15.00	12.00			1675.26
.90	.68	.54	391.23	1274.40	1680.26
12.00	9.00	7.20			1680.49
(2) 21.70	16.28	13.02			1682.49
(1) 53.10	39.83	31.86	423.09	1282.37	1688.92
(2) 20.00	15.00	12.00			1702.20
(1) 99.06	74.30	59.44	482.53	1297.23	1707.20
(1) 15.22	11.42	9.13	491.66	1299.51	1721.97
13.40	10.05	8.04	499.70	1301.52	1725.78
(2) 4.00	3.00	2.40			1739.13
(2) 47.80	35.85	28.68			1740.13
(1) 7.86	5.90	4.72	504.42	1302.70	1752.08
4.00	3.00	2.40	506.82	1303.30	1754.05
1.30	.98	.78	507.60	1303.50	1755.05
1.40	1.05	.84	508.44	1303.71	1755.28
1.46	1.10	.88	509.32	1303.93	1755.73
1.20	.90	.72	510.04	1304.11	1756.09
1.40	1.05	.84	510.88	1304.32	1756.39
.90	.68	.54			1756.74
					1756.97

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
NECESSARY AT DIVERSION DAM TO FILL SAME

No.	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow To F
105	Farmers' Coop. Ditch Co. (2)	50.00	37.50	30.00		
106	Nampa-Meridian Irr. Dist. (1)	370.84	278.13	222.50	733.38	13
107	Charles S. Miller (1)	.06	.05	.04	732.42	13
108	Lammis L. Hosely (1)	.02	.015	.01	732.43	13
109	S. J. Utter, & C. B. Taylor (1)	2.40	1.80	1.44	734.87	13
110	South Boise Mutal Irr. Co. (1)	6.00	4.50	3.60	738.47	136
111	Estate of J. H. Gallagher (1)	2.94	2.21	1.76	740.23	136
112	Anna H. Fogarty (1)	.05	.04	.03	740.26	136
113	Grace Call (1)	.10	.08	.06	740.32	136
114	Samuel H. Canfield (1)	.03	.02	.02	740.34	136
114A	Neil & Patrick O'Donnell (2)	1.60	1.20	.96		
114B	Gus A. Barth (2)	.80	.60	.48		
115	Sonora Joplin (1)	.06	.05	.04	740.38	136
116	Sonora Joplin (1)	1.20	.90	.72	741.10	136
116A	S. G. Hardies & Amelia Eiseley (1)	.84	.63	.50	741.60	136
116A	Anna Spencer (2)	.72	.54	.43		
116B	Willis Spencer (2)	.10	.08	.06		
116C	Rebecca Bell (2)	.40	.30	.24		
117	Pioneer Irrig. Dist. (1)	200.00	150.00	120.00	861.60	1391
118	W. H. Conway (1)	2.20	1.65	1.32	862.92	1392
119	Thomas Davis (1)	.54	.41	.32	863.24	1392
120	Middleton Mill Ditch Co. (1)	17.00	12.75	10.20	873.44	1394
121	Thomas Andrews (2)	3.50	2.63	2.10		
122	Settlers Canal Co. (1)	73.44	55.08	44.06	917.50	1405
123	Thomas Aiken (1)	.80	.60	.48	917.98	1406
124	Riverside Irrig. Dist. (2)	80.00	60.00	48.00		
124A	W. D. Charters (1)	1.00	.75	.60	918.58	1406
125	R. H. Stockton (2)	1.76	1.32	1.06		
126	Farmers' Union Ditch Co. (1)	110.00	82.50	66.00	984.58	1422
127	Charles Rein & James Keogh (1)	1.00	.75	.60	985.18	1422
128	Mathew Casey (1)	.66	.50	.40	985.58	1422
129	Farmers' Coop. Ditch Co. (2)	83.50	62.63	50.10		
129	Riverside Irr. Dist. (2)	20.00	15.00	12.00		
130	New York Canal Co. (1)	219.10	164.33	131.46	1117.04	1455
131	Canyon Ditch Co. (2)	10.00	7.50	6.00		
132	Riverside Irr. Dist. (2)	70.00	52.50	42.00		
133	Canyon Ditch Co. (2)	5.54	4.16	3.32		
134	Pioneer Irrig. Dist. (1)	56.34	42.26	33.80	1150.84	1464
135	H. E. Wimer (1)	.356	.27	.21	1151.05	1464
136	B. P. Weaverling (1)	1.60	1.20	.96	1152.01	1464
137	Island Highline Ditch Co. (2)	7.00	5.25	4.20		
137A	Wesley A. Mace (1)	.40	.30	.24	1152.25	1464
138	Island Highline Ditch Co. (2)	10.00	7.50	6.00		

(1) equals Section I; (2) equals Section II; (3) equals Section III.
(see notes in front of book for further explanations)

Chart No. 26-C

MINING DECREE RIGHTS (STEVART DECREE) & FLOW IN SECOND FEET
NECESSARY AT DIVERSION DAM TO FILL SAME

100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
50.00	37.50	30.00			1769.47
370.84	278.13	222.50	733.38	1359.95	1862.18
.06	.05	.04	733.42	1359.95	1862.19
.02	.015	.01	733.43	1359.95	1862.19
(1) 2.40	1.80	1.44	734.87	1360.31	1862.79
(1) 6.00	4.50	3.60	738.47	1361.21	1864.29
(1) 2.94	2.21	1.76	740.23	1361.65	1865.03
.05	.04	.03	740.26	1361.65	1865.04
.10	.08	.06	740.32	1361.66	1865.07
.03	.02	.02	740.34	1361.66	1865.07
(1) 1.60	1.20	.96			1865.47
.80	.60	.48			1865.67
.06	.05	.04	740.38	1361.66	1865.68
(1) 1.20	.90	.72	741.10	1361.84	1865.98
(1) .84	.63	.50	741.60	1361.97	1866.19
.72	.54	.43			1866.37
.10	.08	.06			1866.40
.40	.30	.24			1866.50
200.00	150.00	120.00	861.60	1391.97	1916.50
2.20	1.65	1.32	862.92	1392.30	1917.05
.54	.41	.32	863.24	1392.38	1917.19
12.00	9.00	7.20	873.44	1394.93	1921.49
3.50	2.63	2.10			1922.32
73.44	55.08	44.06	917.50	1405.95	1940.68
.80	.60	.48	917.98	1406.07	1940.88
80.00	60.00	48.00			1960.22
1.40	.75	.60	918.58	1406.22	1961.13
1.76	1.32	1.06			1961.57
(1) 110.00	82.50	66.00	984.58	1422.72	1989.07
1.00	.75	.60	985.18	1422.87	1989.32
(1) .66	.50	.40	985.58	1422.97	1989.42
83.50	62.63	50.10			2010.37
20.00	15.00	12.00			2015.37
219.10	164.33	131.46	1117.04	1455.84	2070.15
10.00	7.50	6.00			2072.65
70.00	52.50	42.00			2090.15
5.54	4.16	3.32	1150.84	1464.29	2091.53
58.34	43.26	34.60	1151.05	1464.34	2105.60
.356	.27	.21	1152.01	1464.58	2105.71
1.60	1.20	.96			2106.11
7.00	5.25	4.20			2107.86
.40	.30	.24	1152.25	1464.64	2107.96
10.00	7.50	6.00			2110.46

While Section II; (3) equals Section III.
for further explanations)

TABLE SHOWING DECREED RIGHTS (BRYAN DECREE) & NATURAL FLOW IN
SECOND FEET NECESSARY AT DIVERSION DAM TO FILL SAME

Priority Date	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Nec To Fill
7/2/94	Farmers Union	54.46	40.85	32.68	2143.14	3906.10
3/23/00	New York Irrigation Dist.) Boise Kuna Irrig. Dist.)	58.86	44.15	35.32	2178.46	3914.93
12/14/03	United States of America	1354.58	1015.94	812.75	2491.21	4118.12
4/1/05	Pioneer Irrigation Dist.	306.56	229.92	183.94	2175.15	4164.10
4/1/05	Farmers Cooperative Ditch Co.	154.45	115.84	92.67	3267.82	4187.27
4/1/05	South Boise Mutual Ditch Co.	5.40	4.05	3.24	3271.06	4188.08
4/1/08	Pioneer Irrigation Dist.	54.50	40.88	32.70	3303.76	4196.25
6/1/09	United States of America	926.50	694.88	555.90	3859.66	4335.23
4/1/10	Riverside Irrigation Dist.	63.78	47.84	38.27	3897.93	4344.87
* 1/13/11	United States of America (Arrowrock Storage)	8000.00				
4/1/14	Riverside Irrigation District	17.70				

* For further information see text of this report, under heading, "Decree"

FLOWING DECREEED RIGHTS (BRYAN DECREE) & NATURAL FLOW IN
AND FEET NECESSARY AT DIVERSION DAM TO FILL SAME

100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
54.46	40.85	32.68	2142.14	3906.10	4358.41
58.86	44.15	35.32	2178.16	3914.93	4373.13
1354.58	1015.94	812.75	2991.21	4118.12	4711.78
306.56	229.92	183.94	3175.15	4164.10	4798.42
154.45	115.84	92.67	3267.82	4187.27	4827.03
5.40	4.05	3.24	3271.06	4188.08	4828.38
54.50	40.88	32.70	3303.76	4196.25	4842.00
926.50	694.88	555.90	3859.66	4335.23	5075.62
63.78	47.84	38.27	3897.93	4344.80	5089.57
8000.00					13089.57
et 17.70					13107.27

see text of this report, under heading, "Decree"



